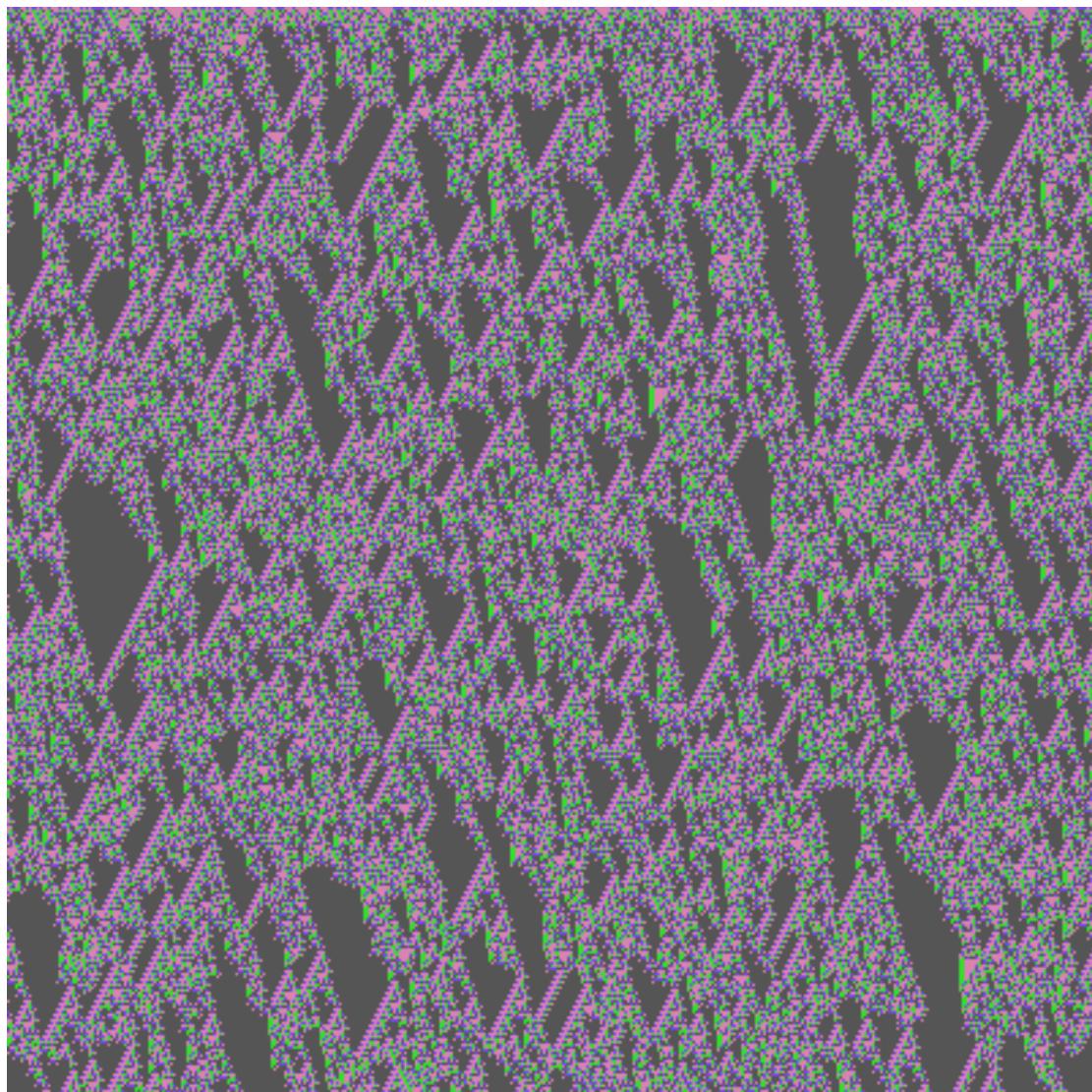


## 4-Colour Non-Totalistic, Range 1

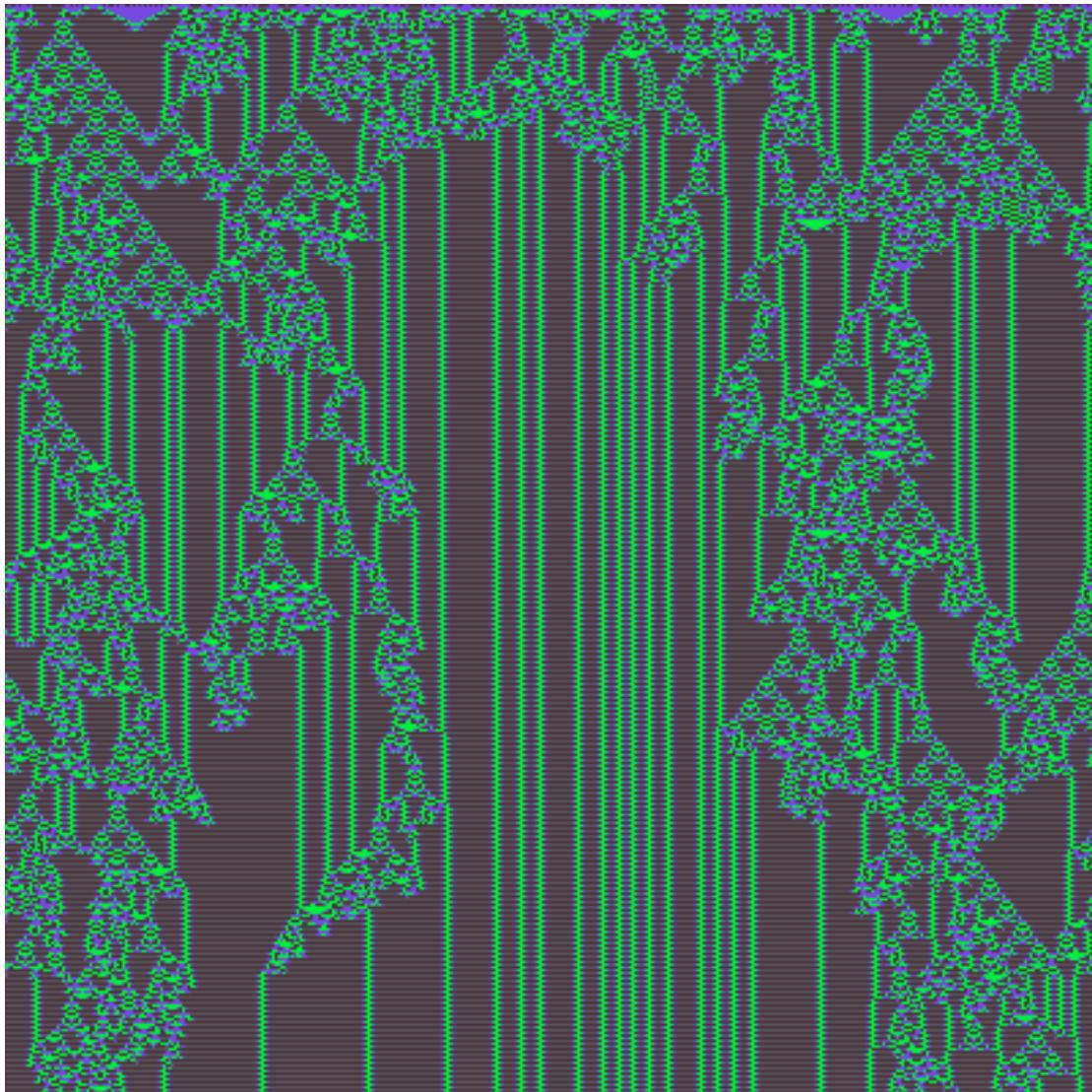
```
In[3940]:= Image[  
  ArrayPlot[CellularAutomaton[{222 068 743 863 034 502 083 690 043 151 842 131 824, 4},  
   RandomInteger[1, 400], 400], ImageSize -> Large,  
   ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
   4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
   7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
   10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



## 4-Colour Totalistic, Range 2

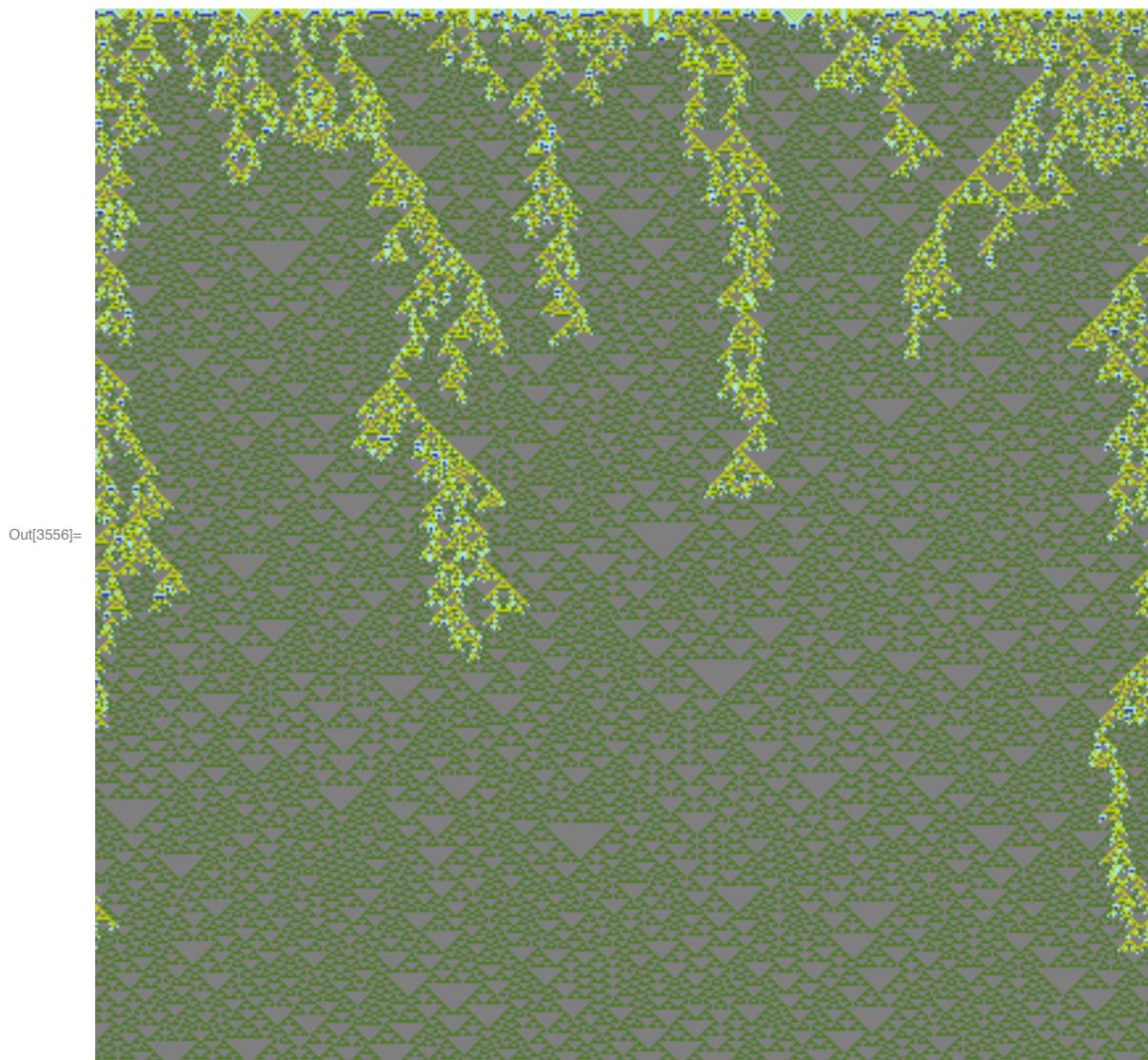
```
In[3963]:= Image[ArrayPlot[  
  CellularAutomaton[{4110481242, {4, 1}, 2}, RandomInteger[1, 400], 400],  
  ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
  3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
  6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

Out[3963]=

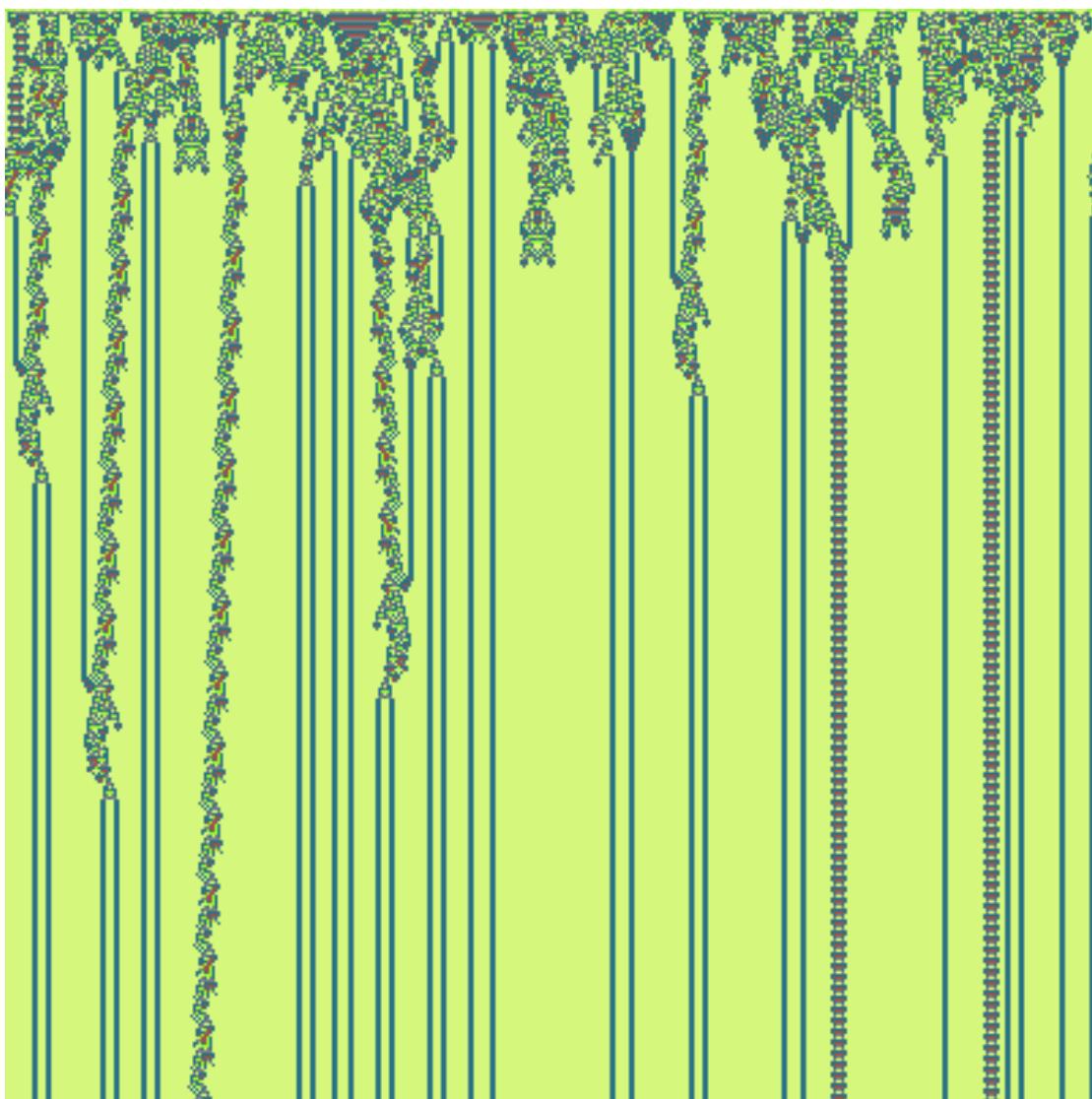


## 5-Colour Totalistic, Range 1

```
In[3556]:= Image[  
  ArrayPlot[CellularAutomaton[{511364278, {5, 1}, 1}, RandomInteger[1, 400], 400],  
   ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
   3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
   6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
   10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

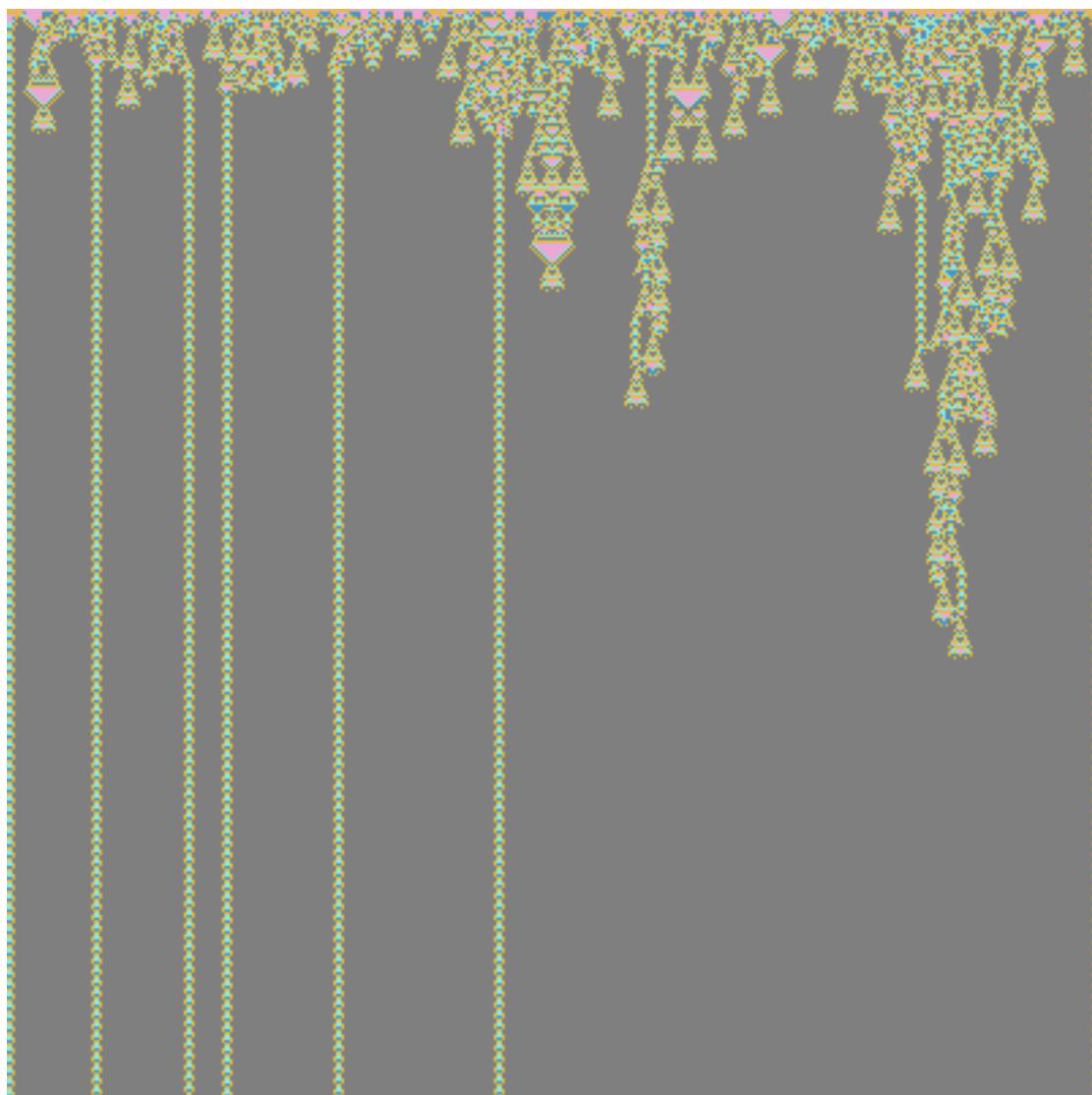


```
In[3547]:= Image[  
  ArrayPlot[CellularAutomaton[{672 320 710, {5, 1}, 1}, RandomInteger[1, 400], 400],  
   ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
    3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
    6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
    10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



In[3533]:= **Image**[

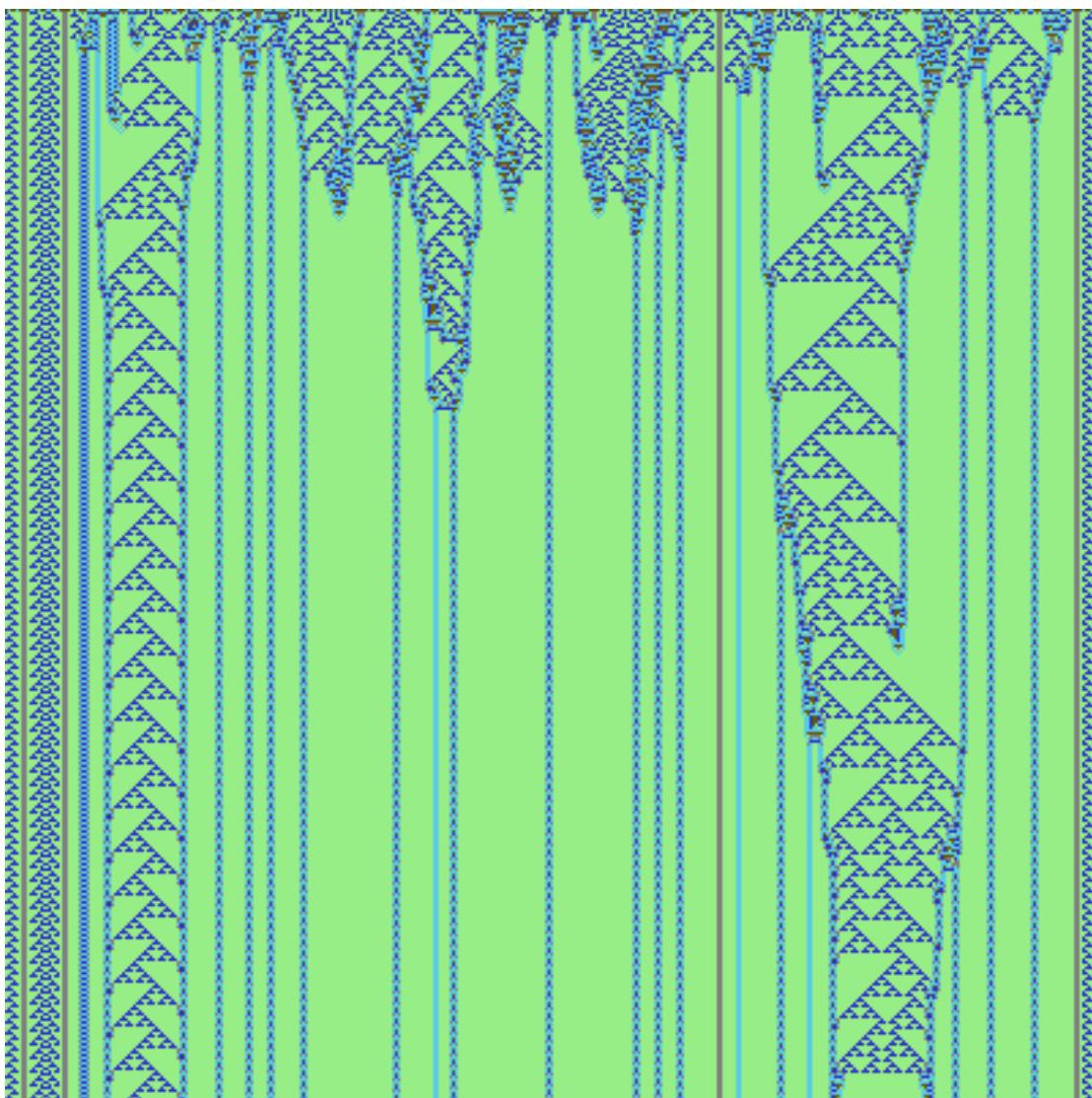
```
ArrayPlot[CellularAutomaton[{484 883 790, {5, 1}, 1}, RandomInteger[1, 400], 400],  
ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



Out[3533]=

```
In[3529]:= Image[ArrayPlot[  
  CellularAutomaton[{1170801972, {5, 1}, 1}, RandomInteger[1, 400], 400],  
  ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
  3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
  6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

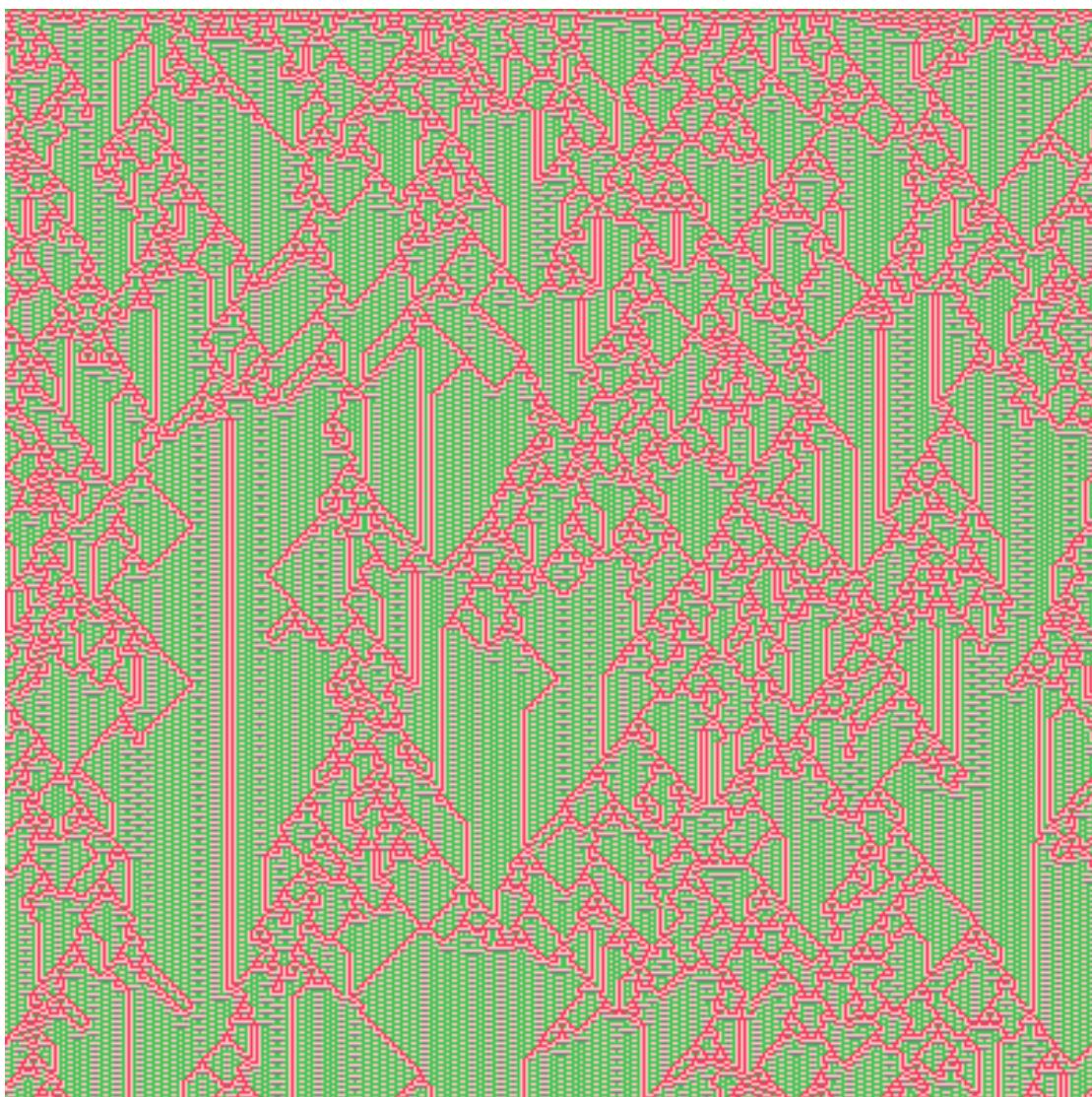
Out[3529]=



In[3526]:= **Image**[

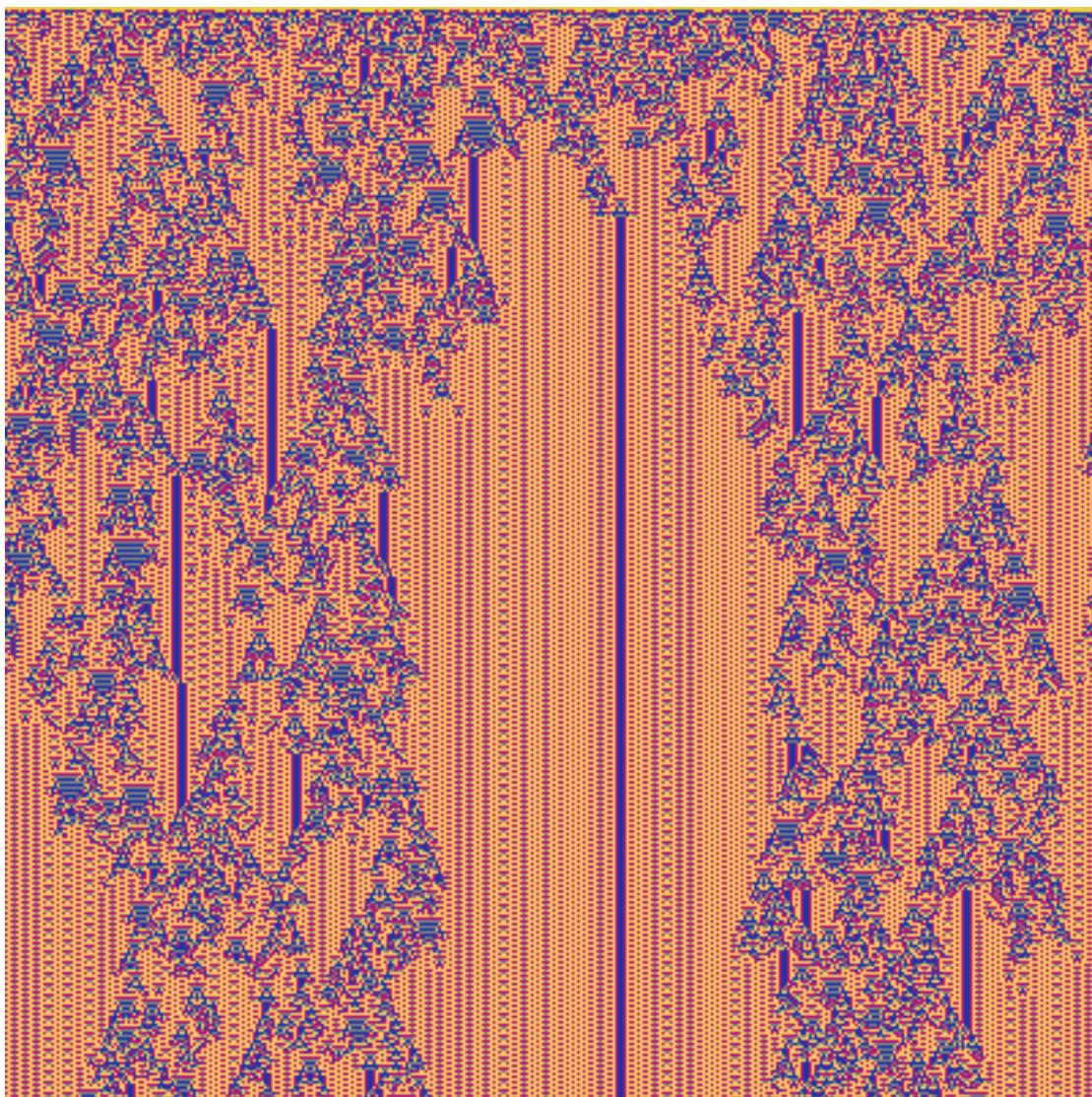
```
ArrayPlot[CellularAutomaton[{548 937 399, {5, 1}, 1}, RandomInteger[1, 400], 400],  
ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

Out[3526]=



In[3515]:= **Image**[

```
ArrayPlot[CellularAutomaton[{698583519, {5, 1}, 1}, RandomInteger[1, 400], 400],  
ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



Out[3515]=

In[3510]:= **Image**[

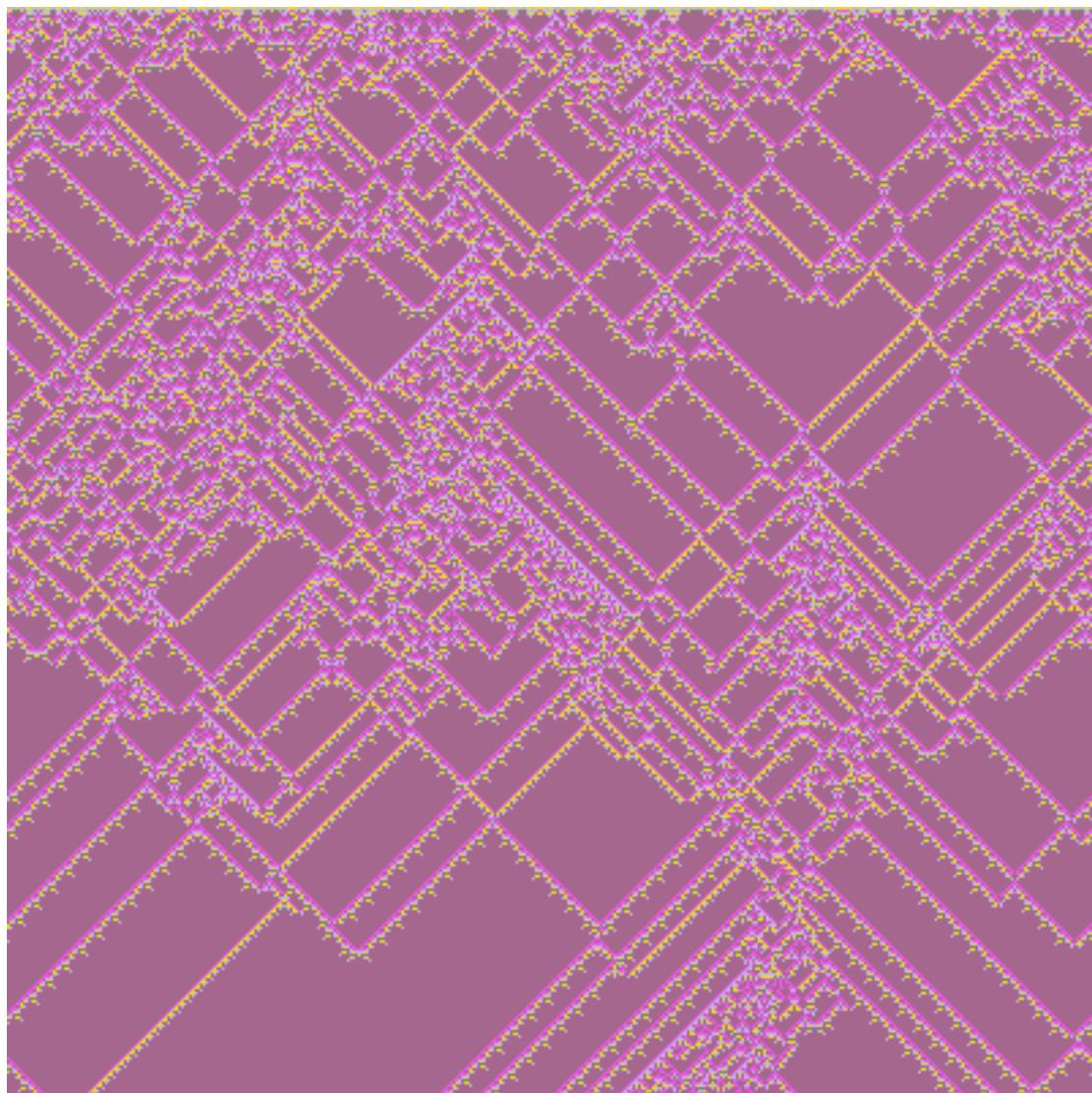
```
ArrayPlot[CellularAutomaton[{552070, {5, 1}, 1}, RandomInteger[1, 400], 400],  
ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



Out[3510]=

In[3501]:= **Image**[

```
ArrayPlot[CellularAutomaton[{191855511, {5, 1}, 1}, RandomInteger[1, 400], 400],
 ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],
 3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],
 6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],
 10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

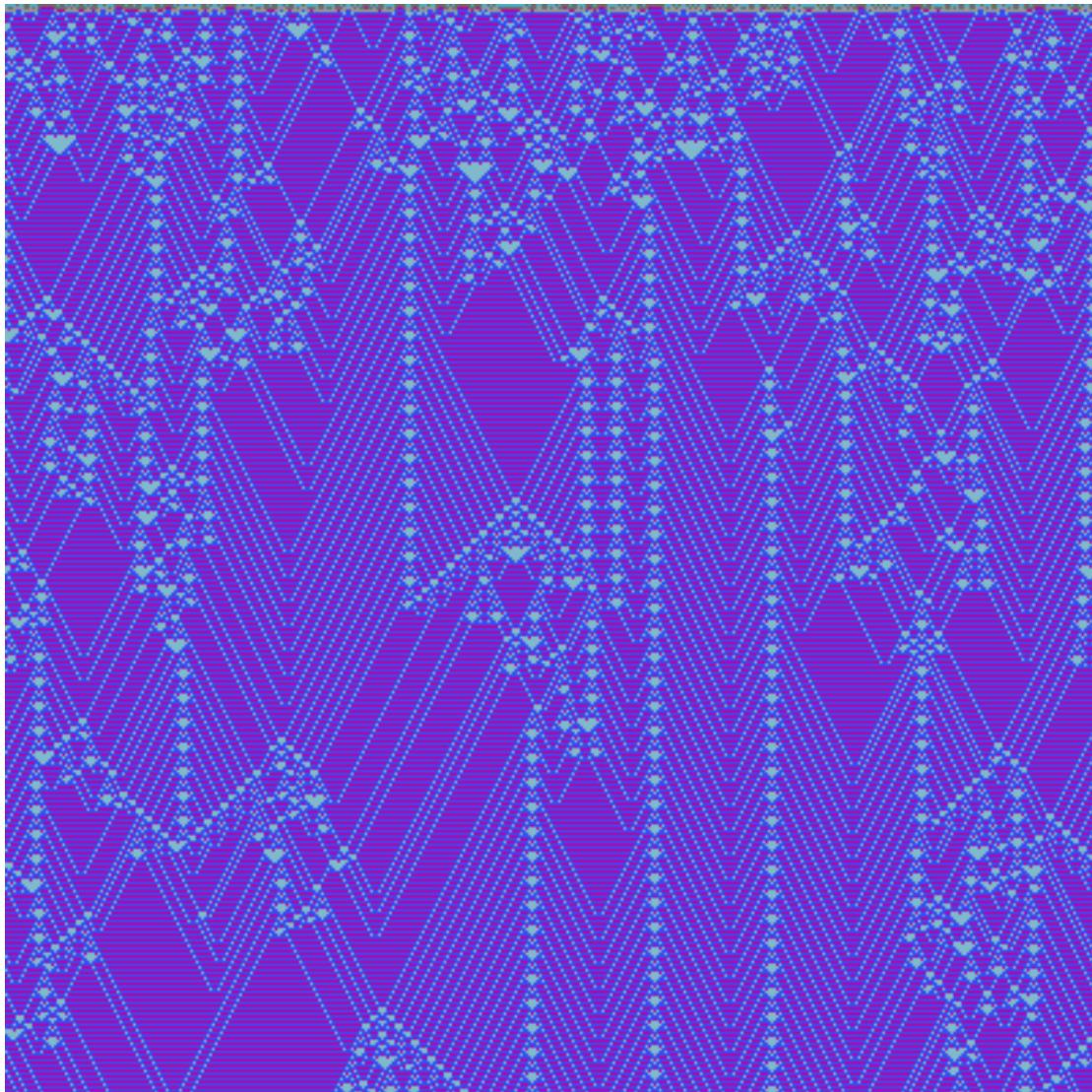


Out[3501]=

## 6-Colour Totalistic, Range 1

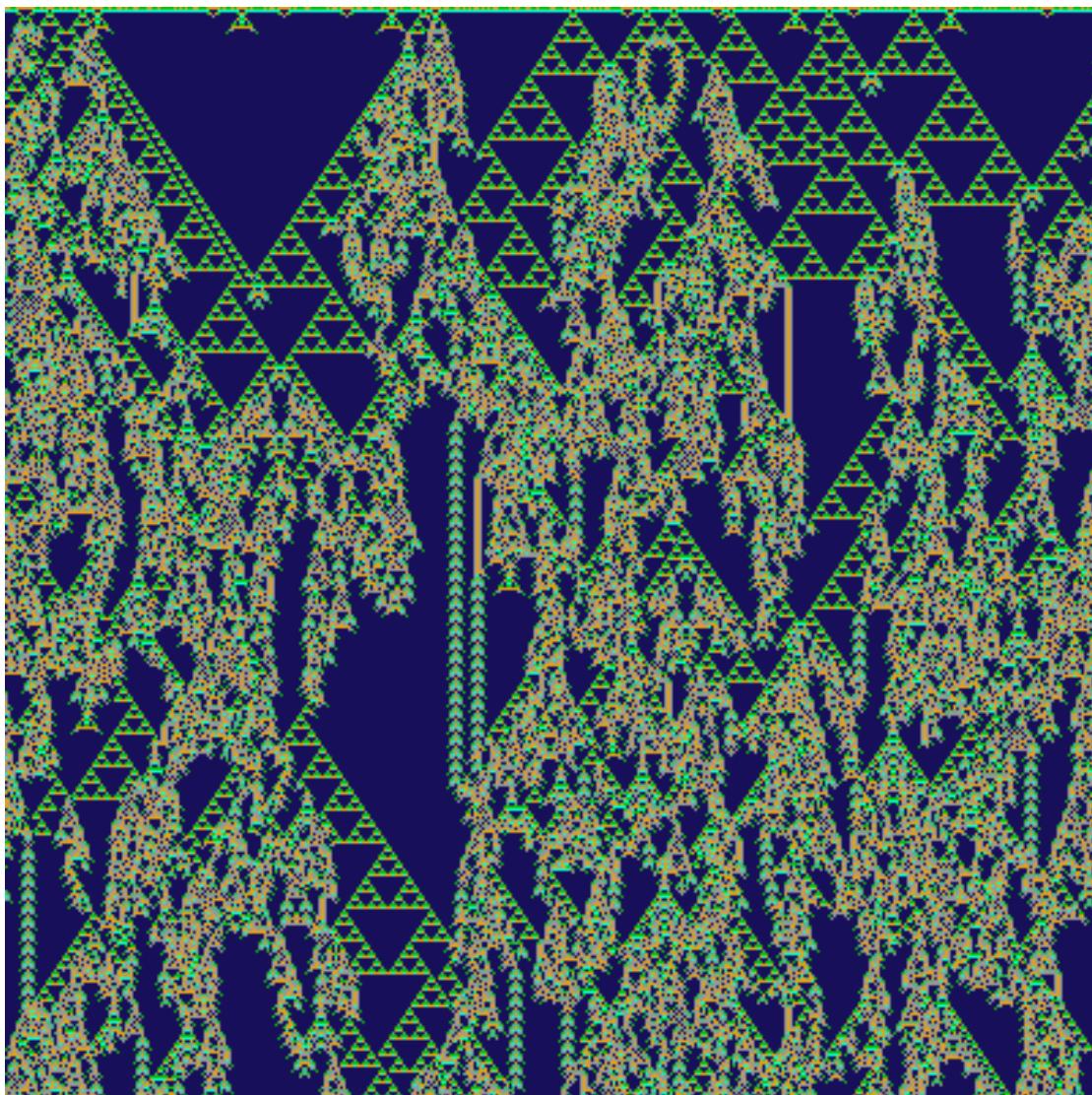
```
In[3488]:= Image[ArrayPlot[  
  CellularAutomaton[{2194054910860, {6, 1}, 1}, RandomInteger[1, 400], 400],  
  ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
  3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
  6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

Out[3488]=



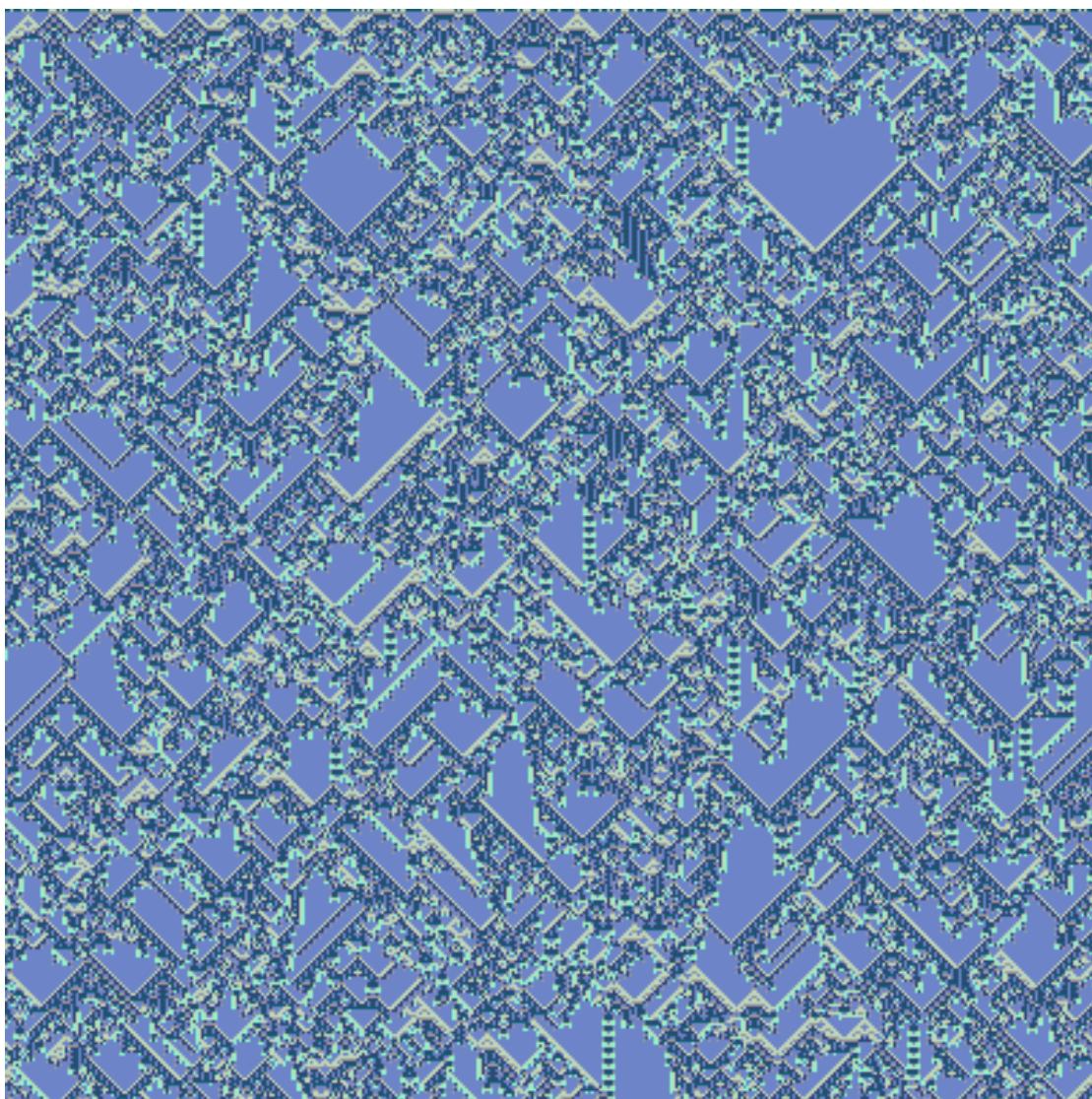
```
In[3472]:= Image[ArrayPlot[  
  CellularAutomaton[{2441577964996, {6, 1}, 1}, RandomInteger[1, 400], 400],  
  ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
  3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
  6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

Out[3472]=

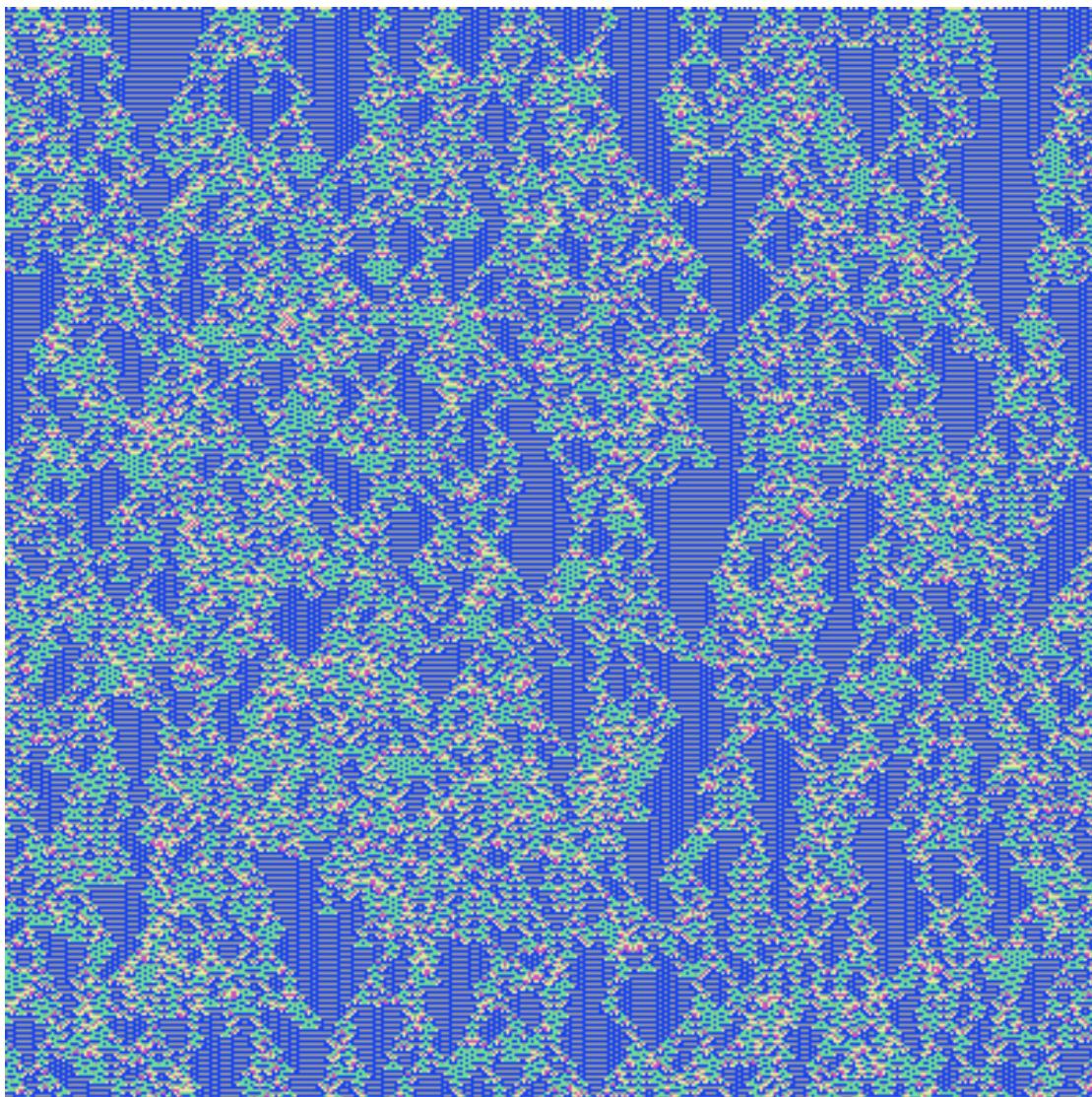


```
In[3438]:= Image[ArrayPlot[  
  CellularAutomaton[{585 122 220 446, {6, 1}, 1}, RandomInteger[1, 400], 400],  
  ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
  3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
  6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

Out[3438]=



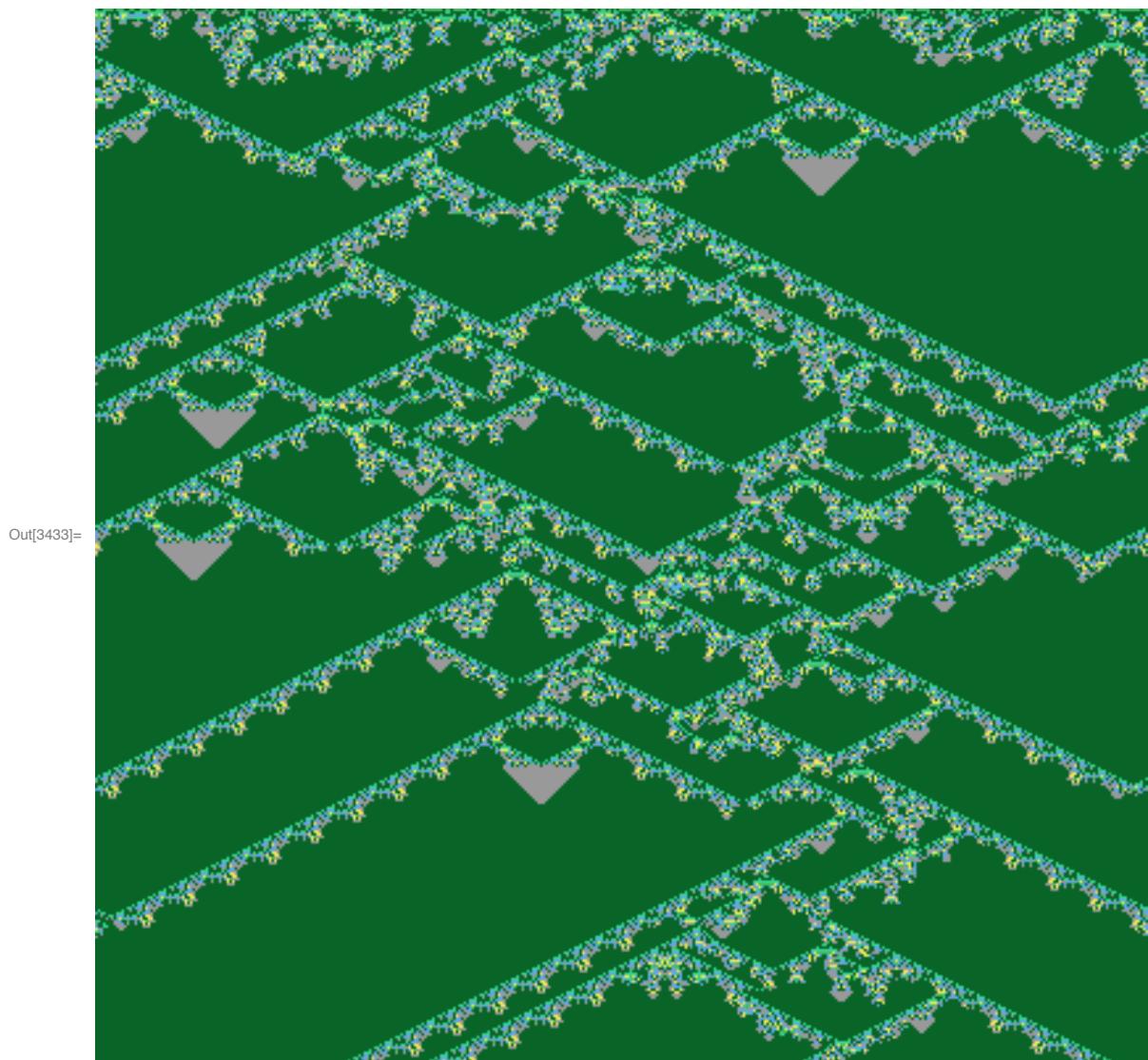
```
In[4873]:= Image[ArrayPlot[  
  CellularAutomaton[{50 380 961 690, {6, 1}, 1}, RandomInteger[1, 400], 400],  
  ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
  3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
  6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



Out[4873]=

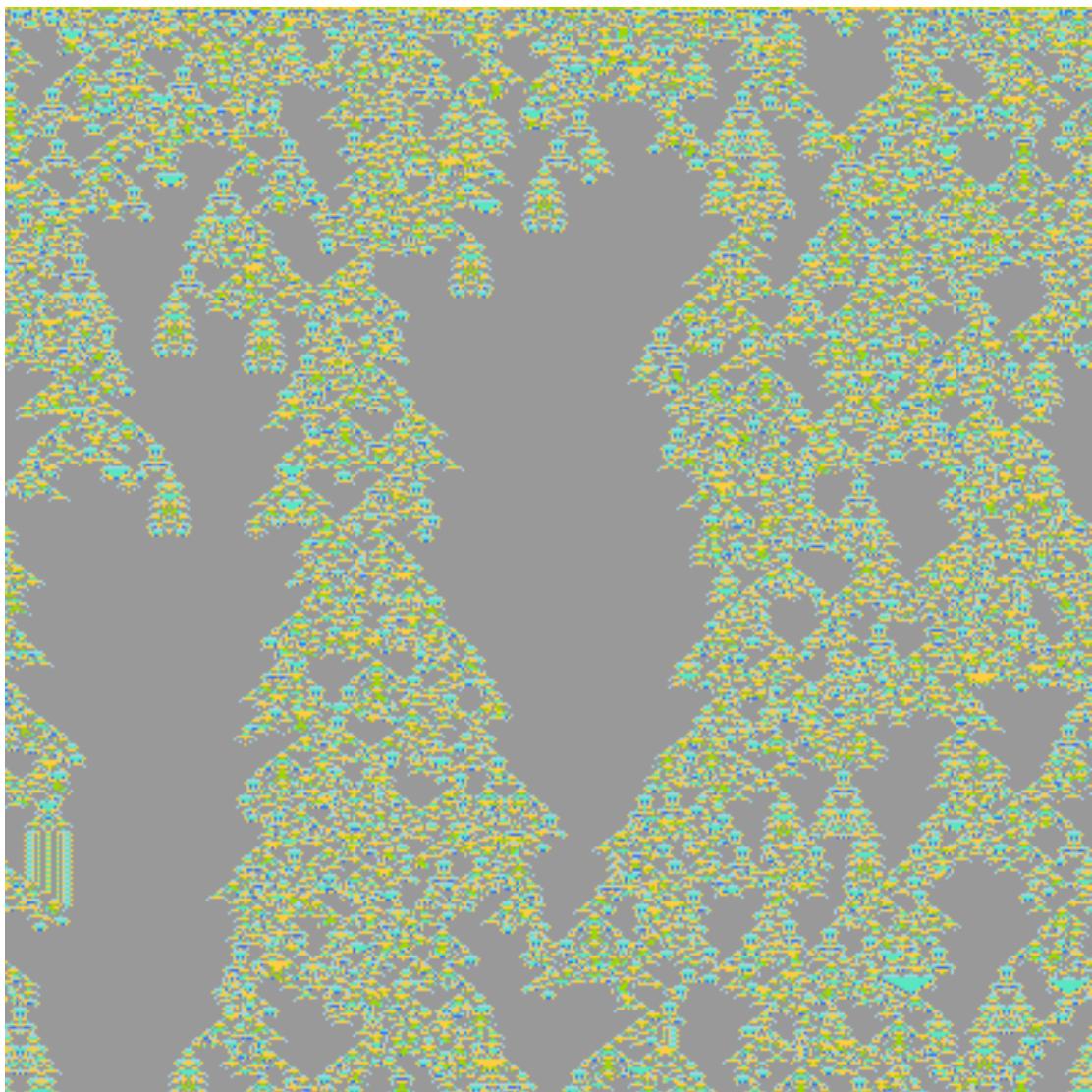
## 6-Colour Totalistic, Range 2

```
In[3433]:= Image[ArrayPlot[CellularAutomaton[{10 717 385 736 670 401 684, {6, 1}, 2},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

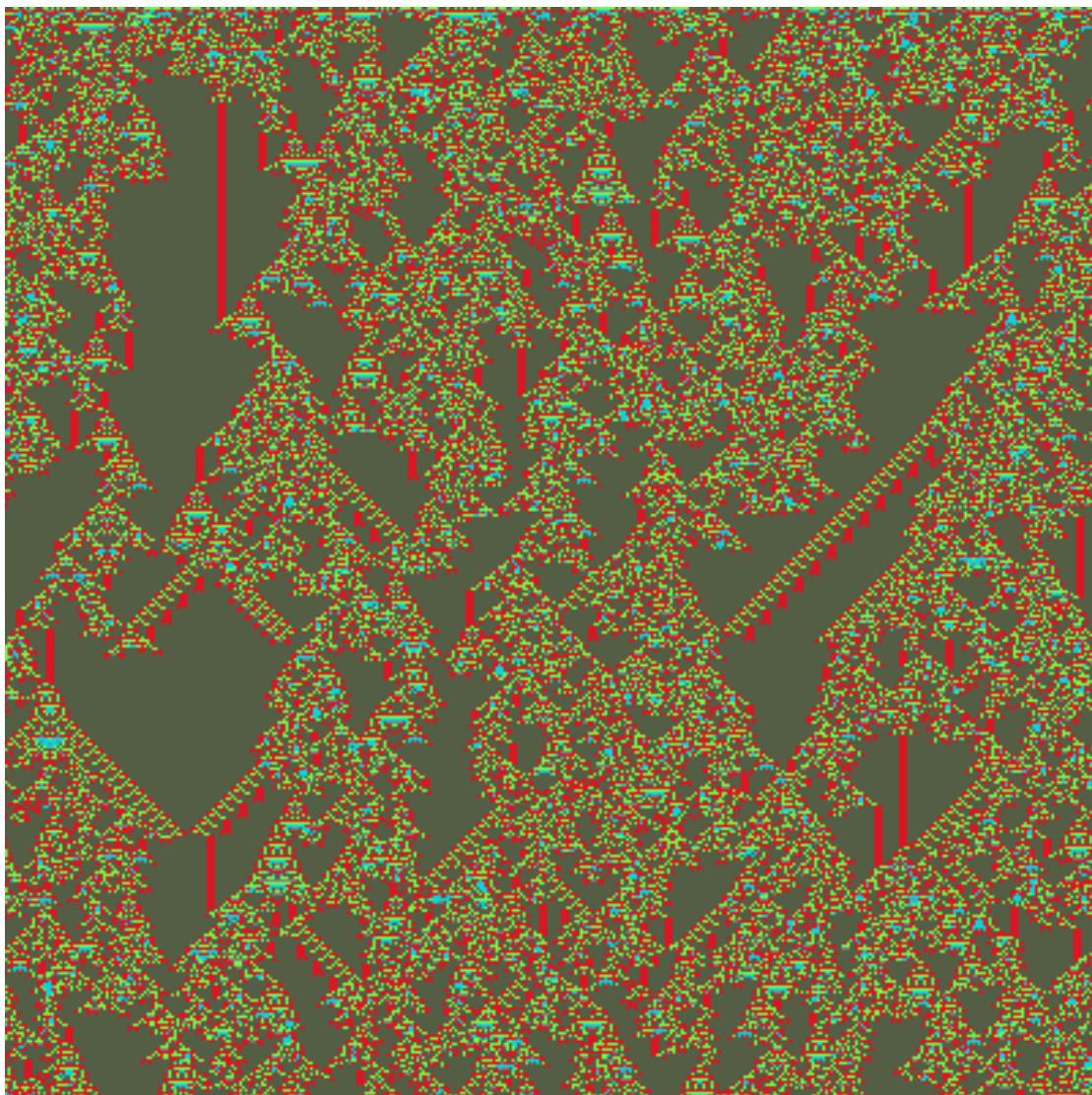


```
In[3426]:= Image[ArrayPlot[CellularAutomaton[{130 871 229 950 004 203 204, {6, 1}, 2},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

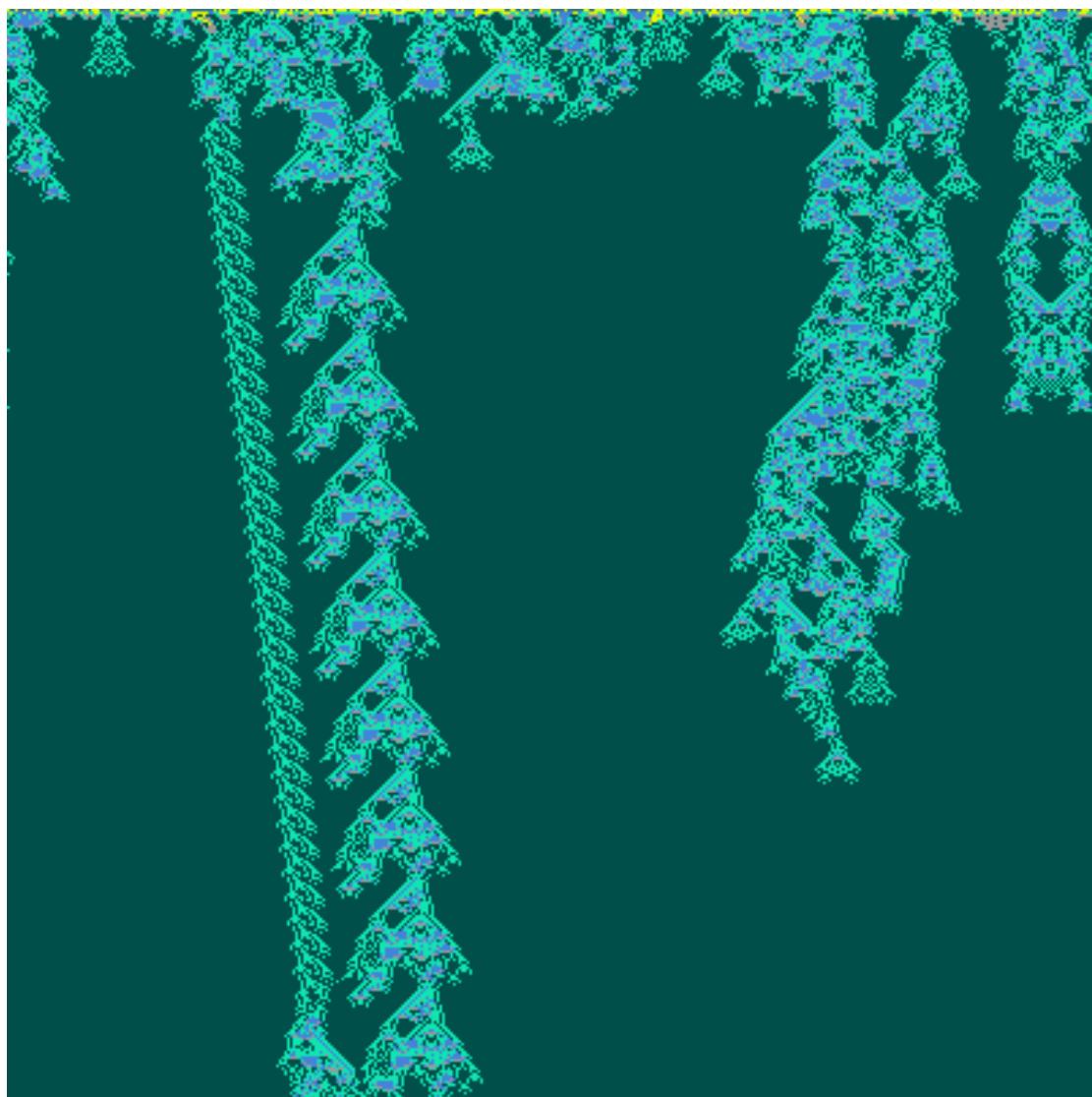
Out[3426]=



```
In[3402]:= Image[ArrayPlot[CellularAutomaton[{155 892 327 712 219 067 638, {6, 1}, 2},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



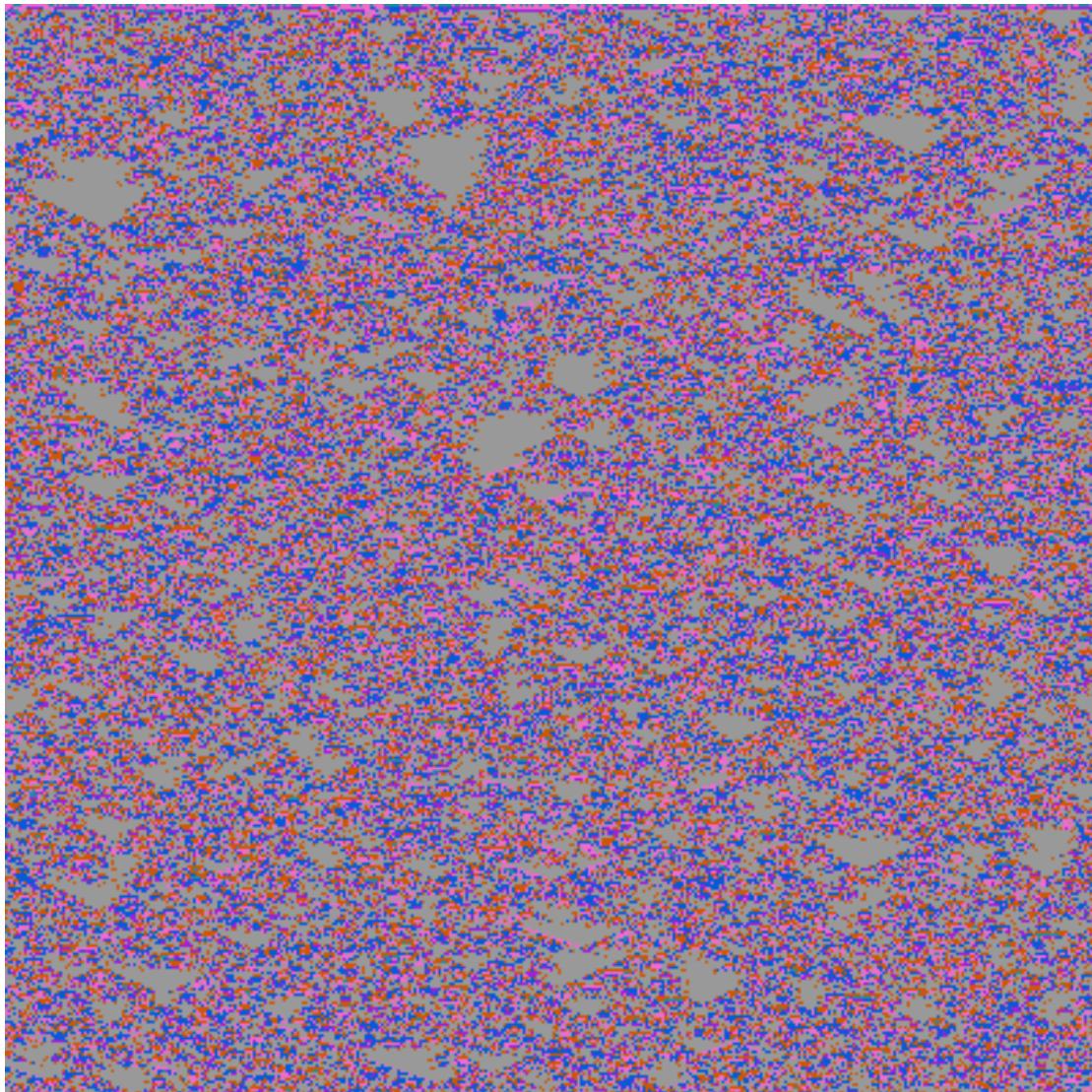
```
In[3393]:= Image[ArrayPlot[CellularAutomaton[{170 164 089 950 923 780 299, {6, 1}, 2},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



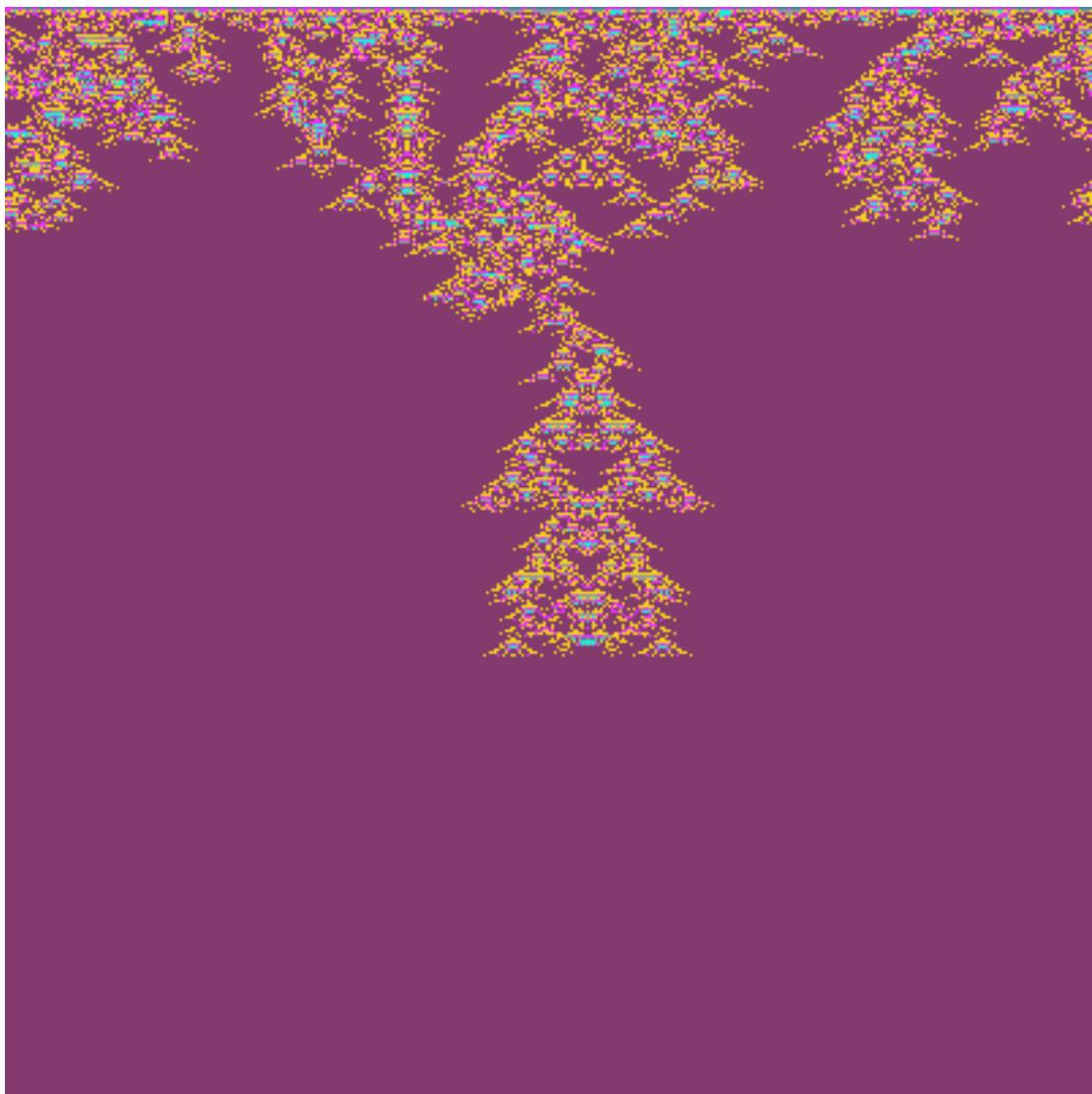
Out[3393]=

## 6-Colour Totalistic, Range 3

```
In[4102]:= Image[ArrayPlot[CellularAutomaton[{2 580 373 036 647 671 990 459 567 103, {6, 1}, 3},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



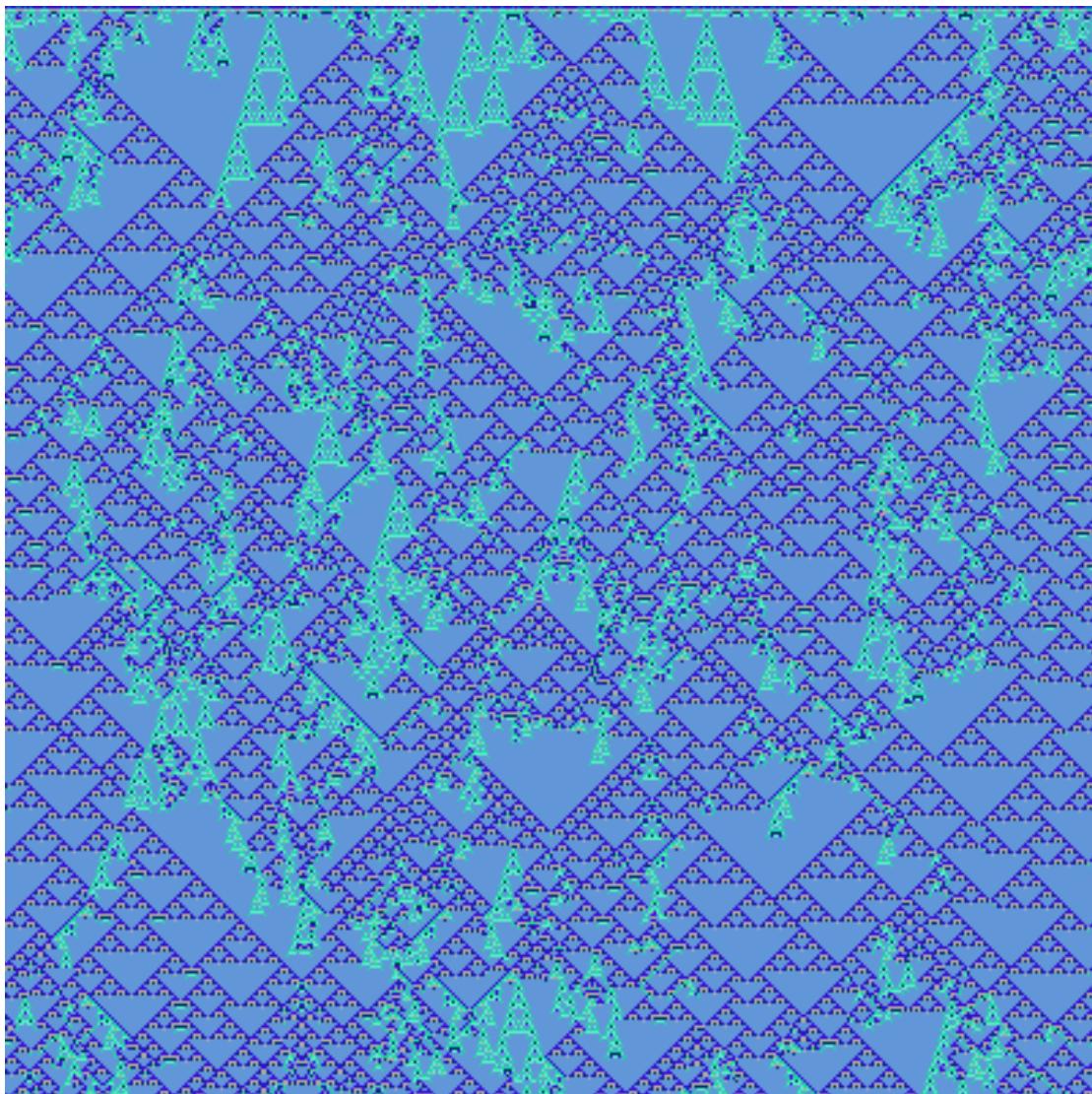
```
In[4140]:= Image[ArrayPlot[CellularAutomaton[{8 800 266 369 486 814 532 468 534 537, {6, 1}, 3}, RandomInteger[1, 400], 400], ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[], 10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



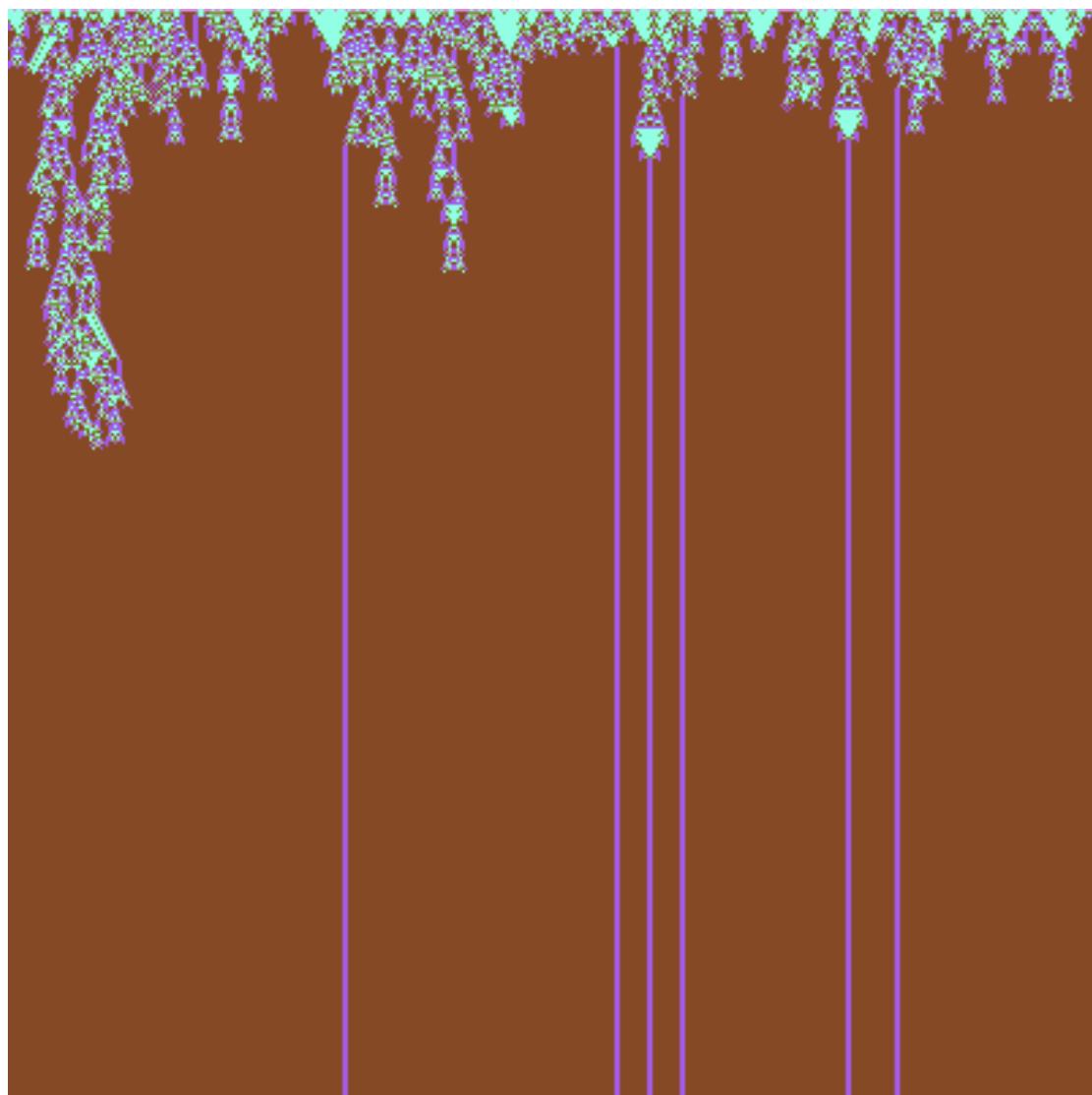
```
Out[4140]=
```

## 7-Colour Totalistic, Range 1

```
In[3563]:= Image[ArrayPlot[  
  CellularAutomaton[{9391791736290991, {7, 1}, 1}, RandomInteger[1, 400], 400],  
  ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
  3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
  6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

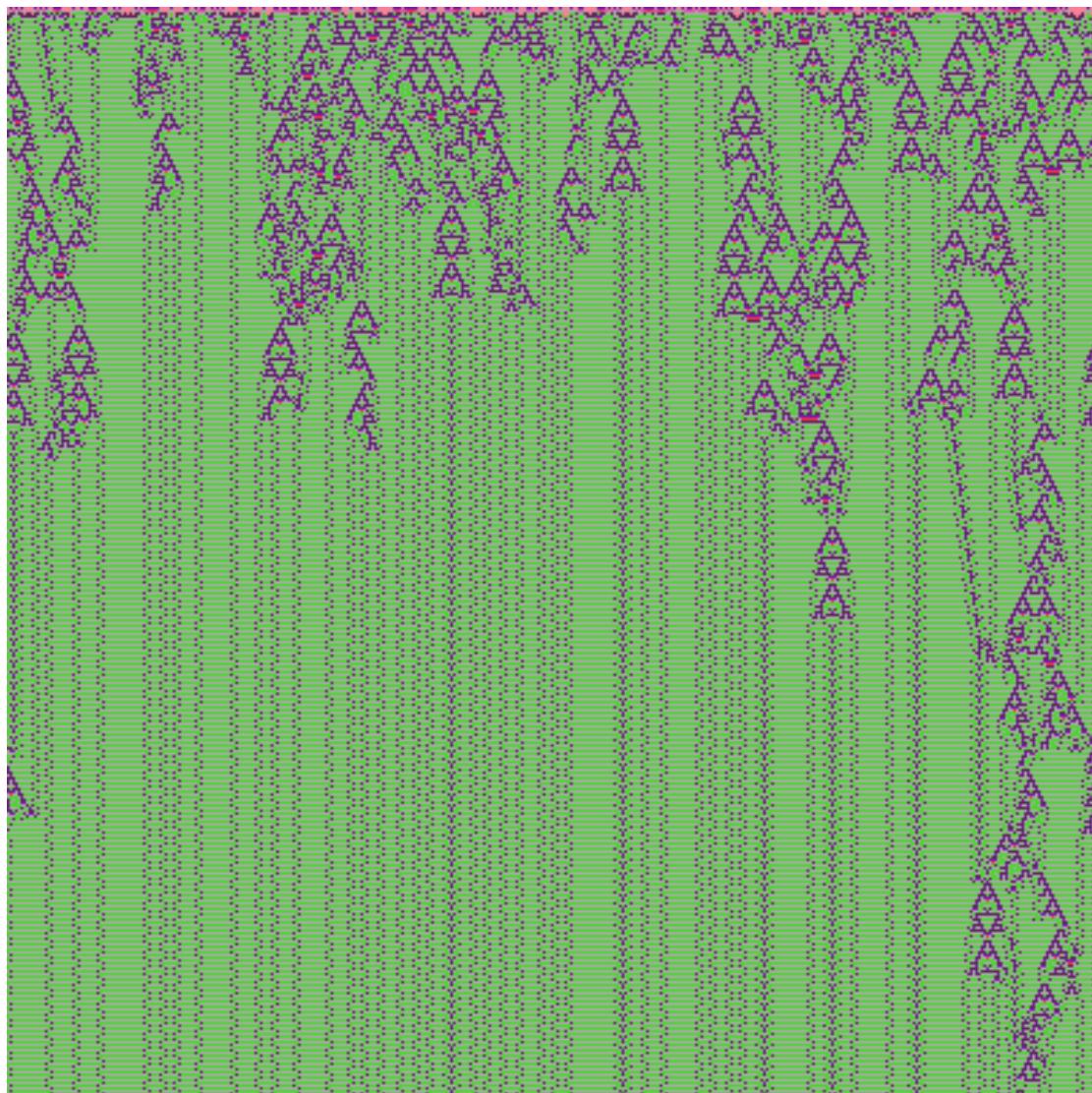


```
In[3373]:= Image[ArrayPlot[  
  CellularAutomaton[{4 656 445 834 171 866, {7, 1}, 1}, RandomInteger[1, 400], 400],  
  ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
  3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
  6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

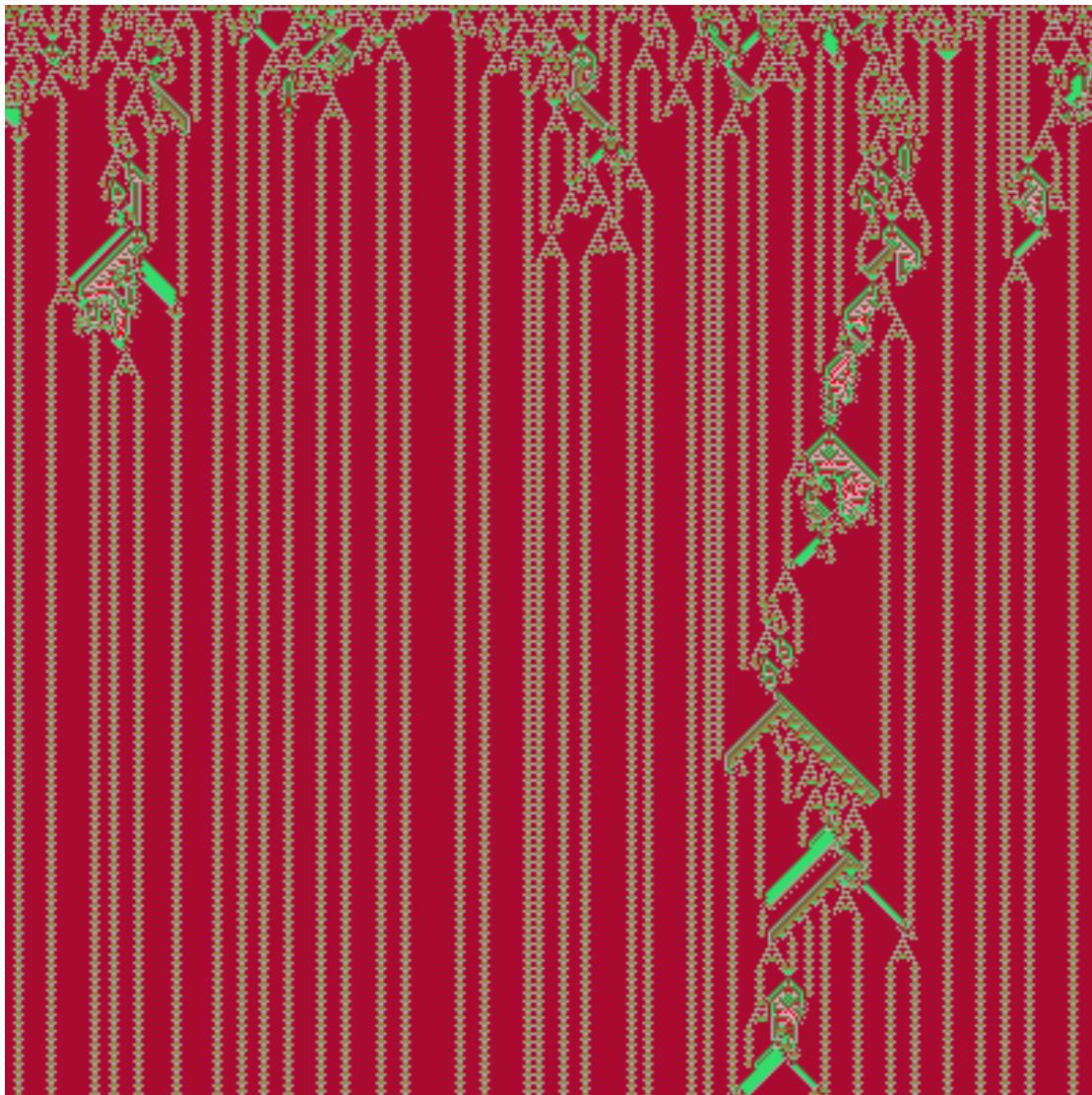


```
Out[3373]=
```

```
In[3599]:= Image[ArrayPlot[  
  CellularAutomaton[{3 268 293 146 684 716, {7, 1}, 1}, RandomInteger[1, 400], 400],  
  ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
  3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
  6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

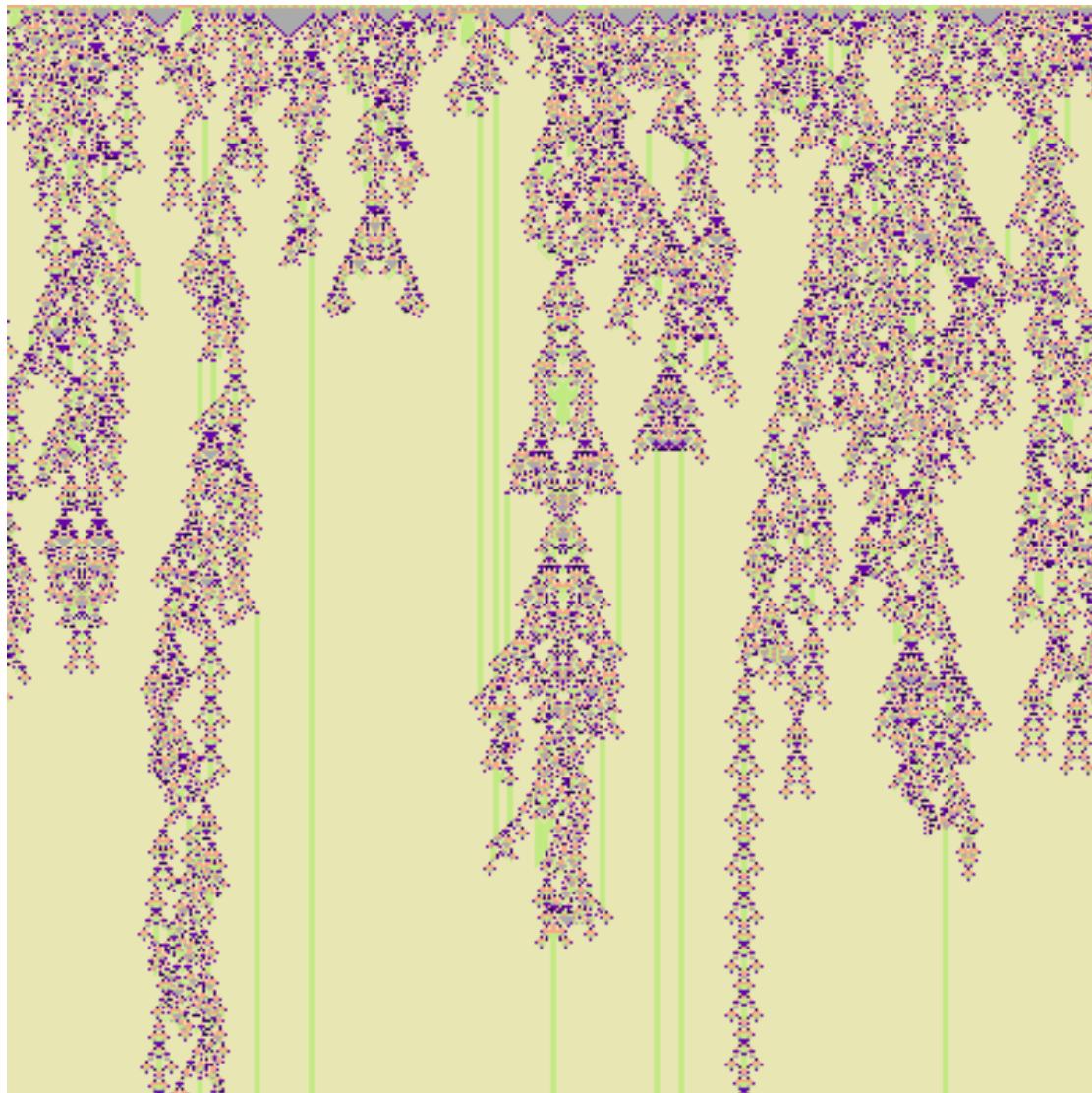


```
In[3611]:= Image[ArrayPlot[  
  CellularAutomaton[{4 584 669 469 683 292, {7, 1}, 1}, RandomInteger[1, 400], 400],  
  ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
  3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
  6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



```
In[3646]:= Image[ArrayPlot[  
  CellularAutomaton[{10193067898860176, {7, 1}, 1}, RandomInteger[1, 400], 400],  
  ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
  3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
  6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

Out[3646]=

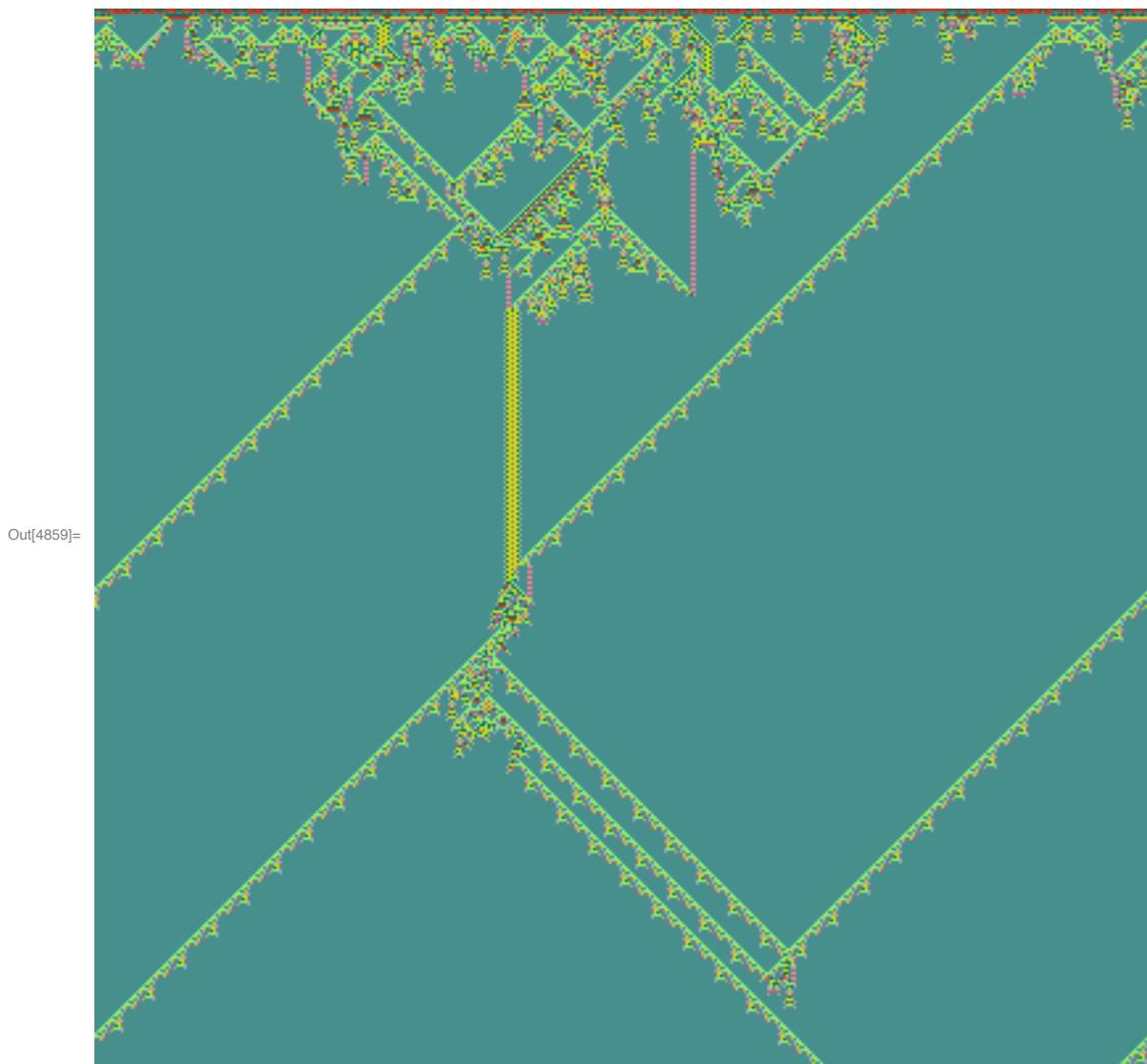


```
In[3658]:= Image[ArrayPlot[CellularAutomaton[{10193067898860176, {7, 1}, 1},  
RandomInteger[1, 1000], 1000], ImageSize -> Full,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

Out[3658]=

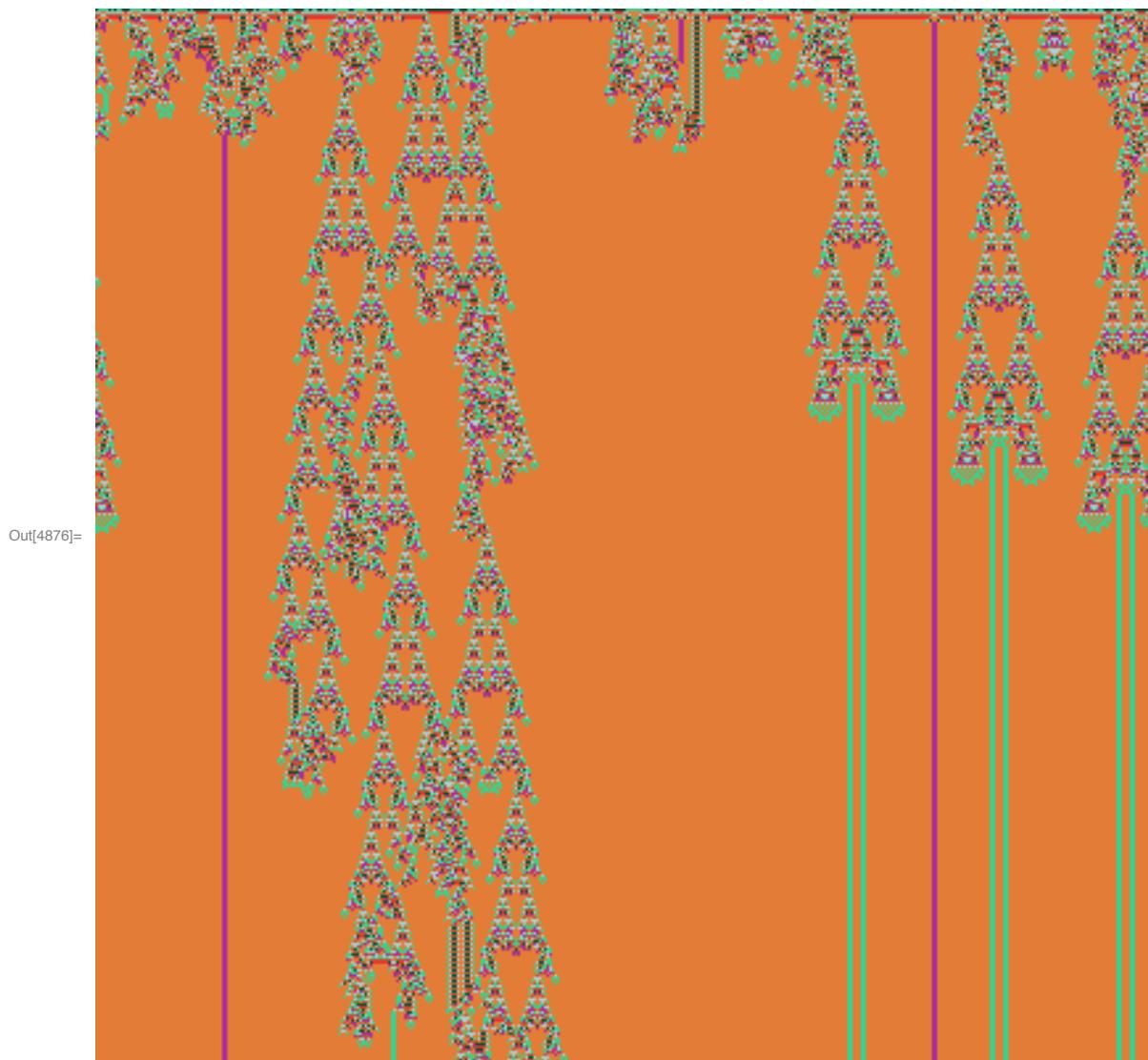


```
In[4859]:= Image[ArrayPlot[  
  CellularAutomaton[{7 438 336 472 358 072, {7, 1}, 1}, RandomInteger[1, 400], 400],  
  ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
  3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
  6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



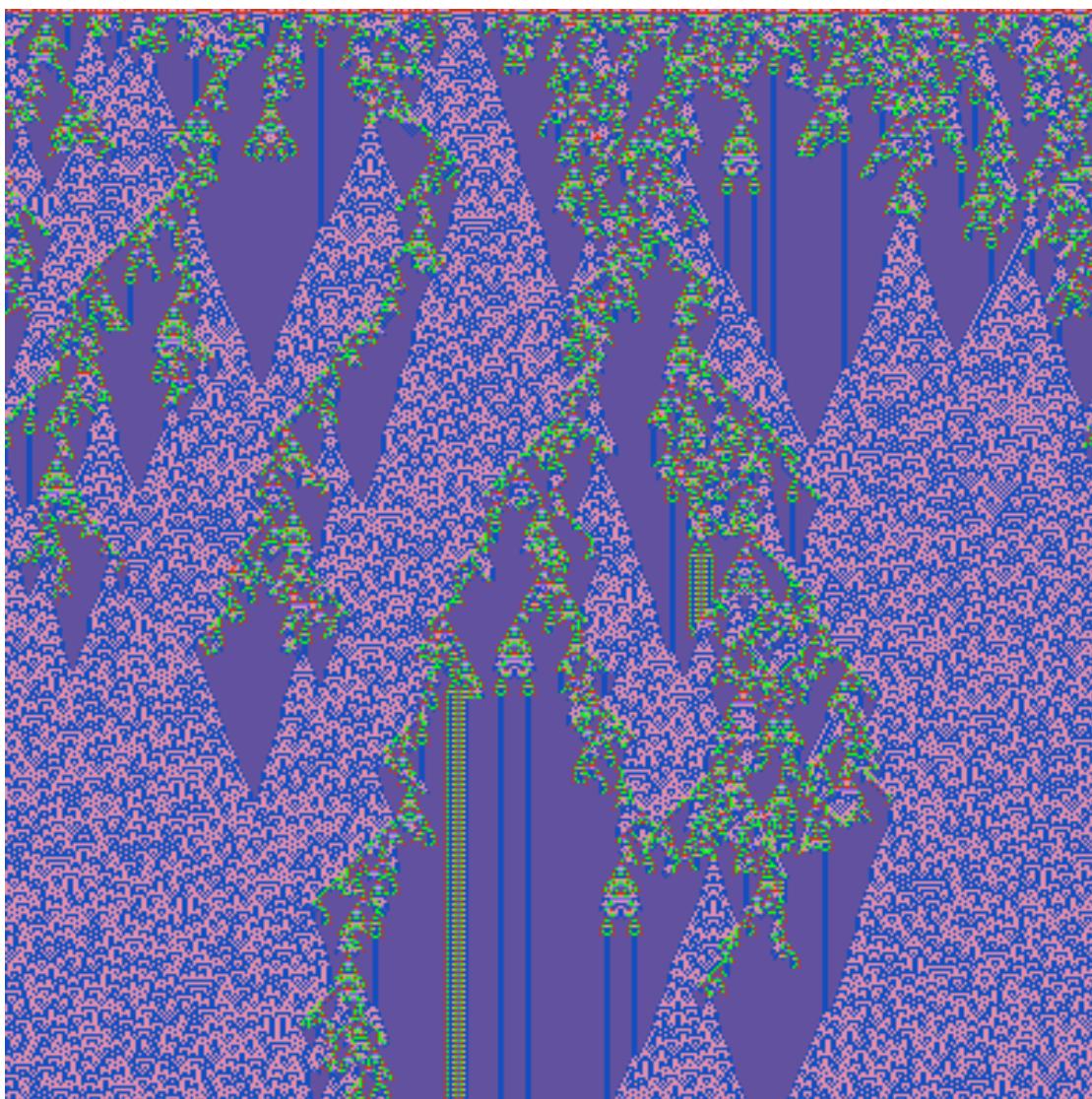
## 8-Colour Totalistic, Range 1

```
In[4876]:= Image[ArrayPlot[CellularAutomaton[{63 654 337 585 952 357 525, {8, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

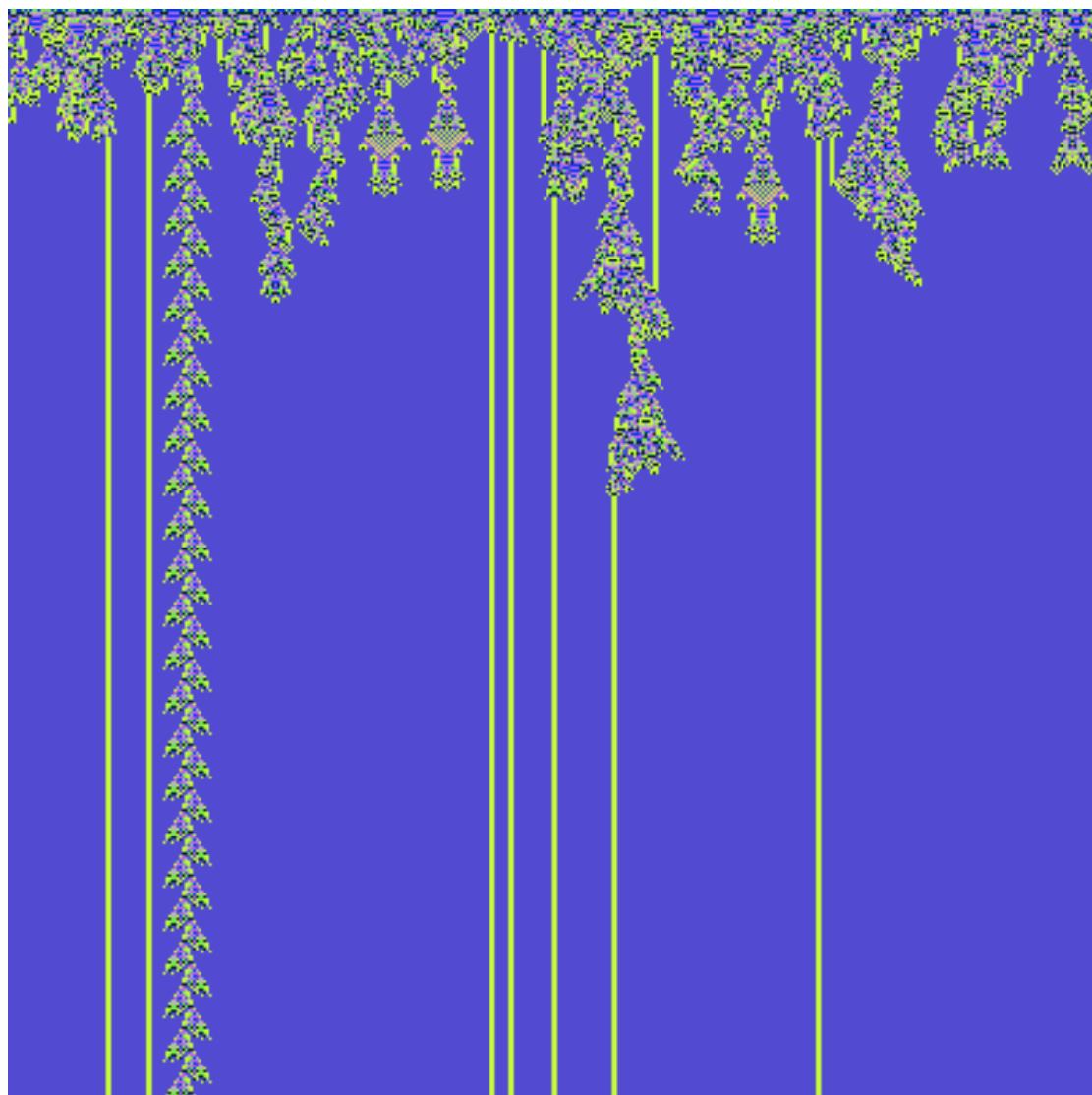


```
In[4881]:= Image[ArrayPlot[CellularAutomaton[{2999906687834288523, {8, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

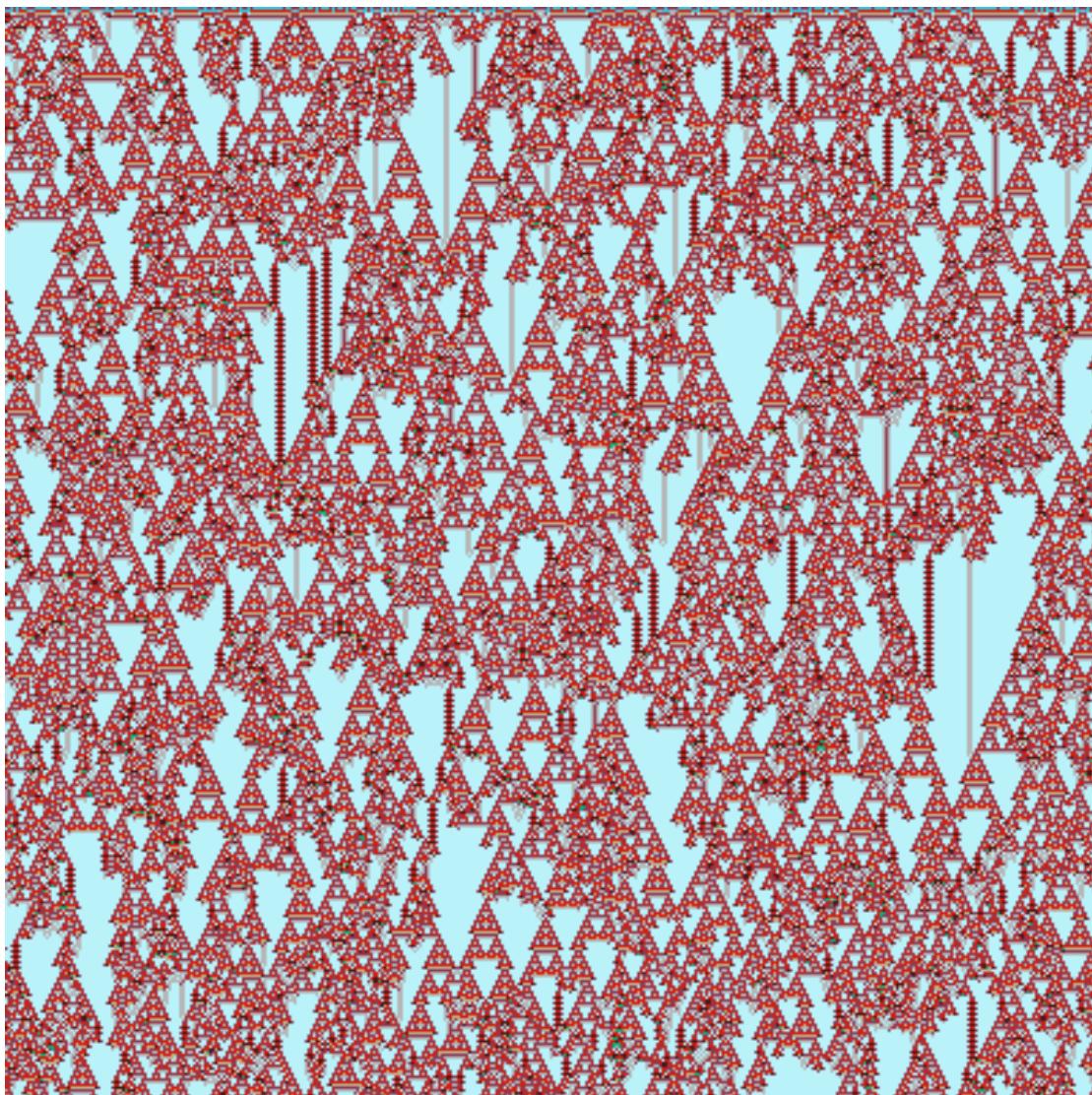
Out[4881]=



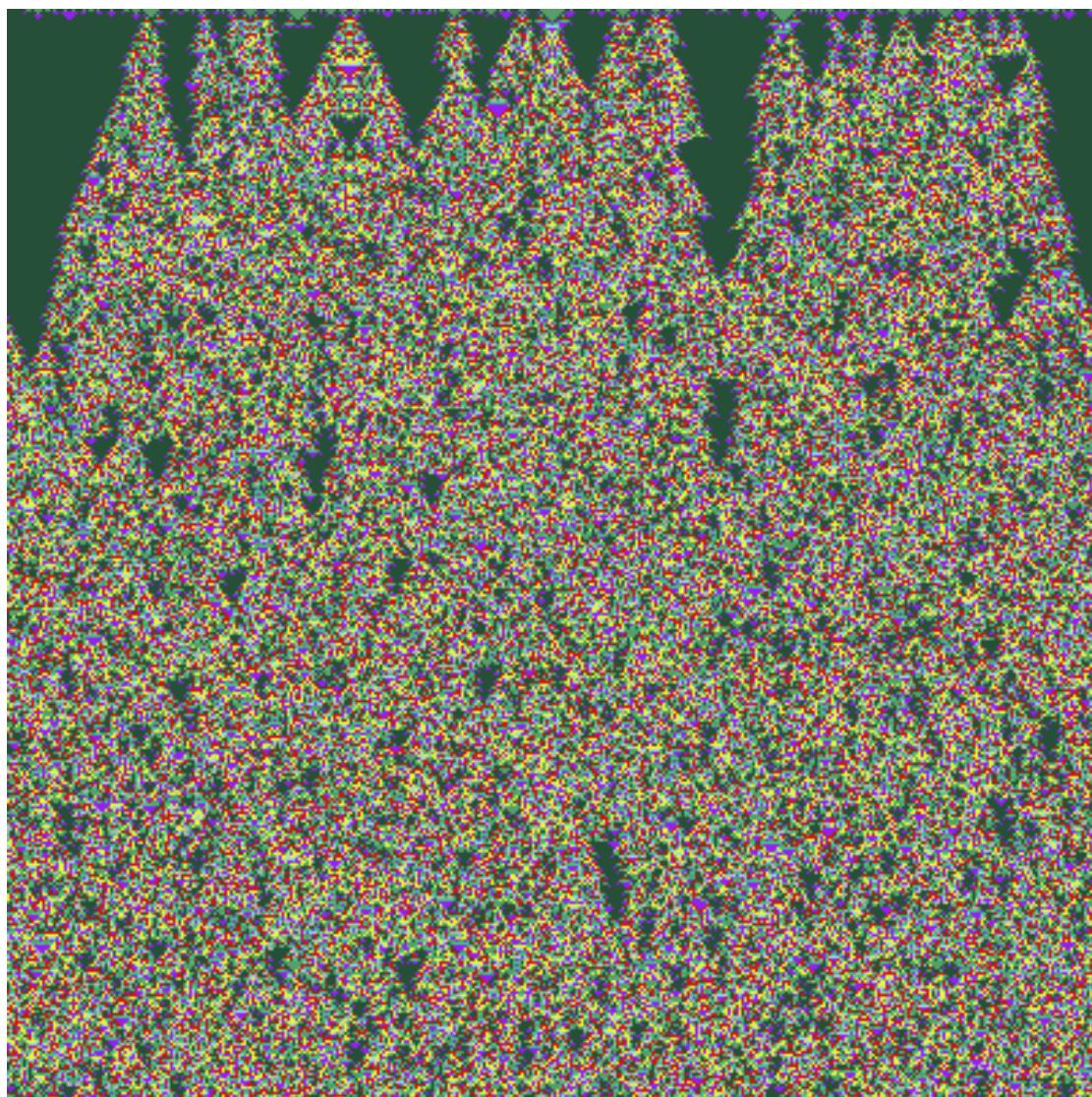
```
In[3354]:= Image[ArrayPlot[  
  CellularAutomaton[{9 391 791 736 290 991, {8, 1}, 1}, RandomInteger[1, 400], 400],  
  ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
  3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
  6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



```
In[3336]:= Image[ArrayPlot[CellularAutomaton[{37 807 578 142 261 186 506, {8, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

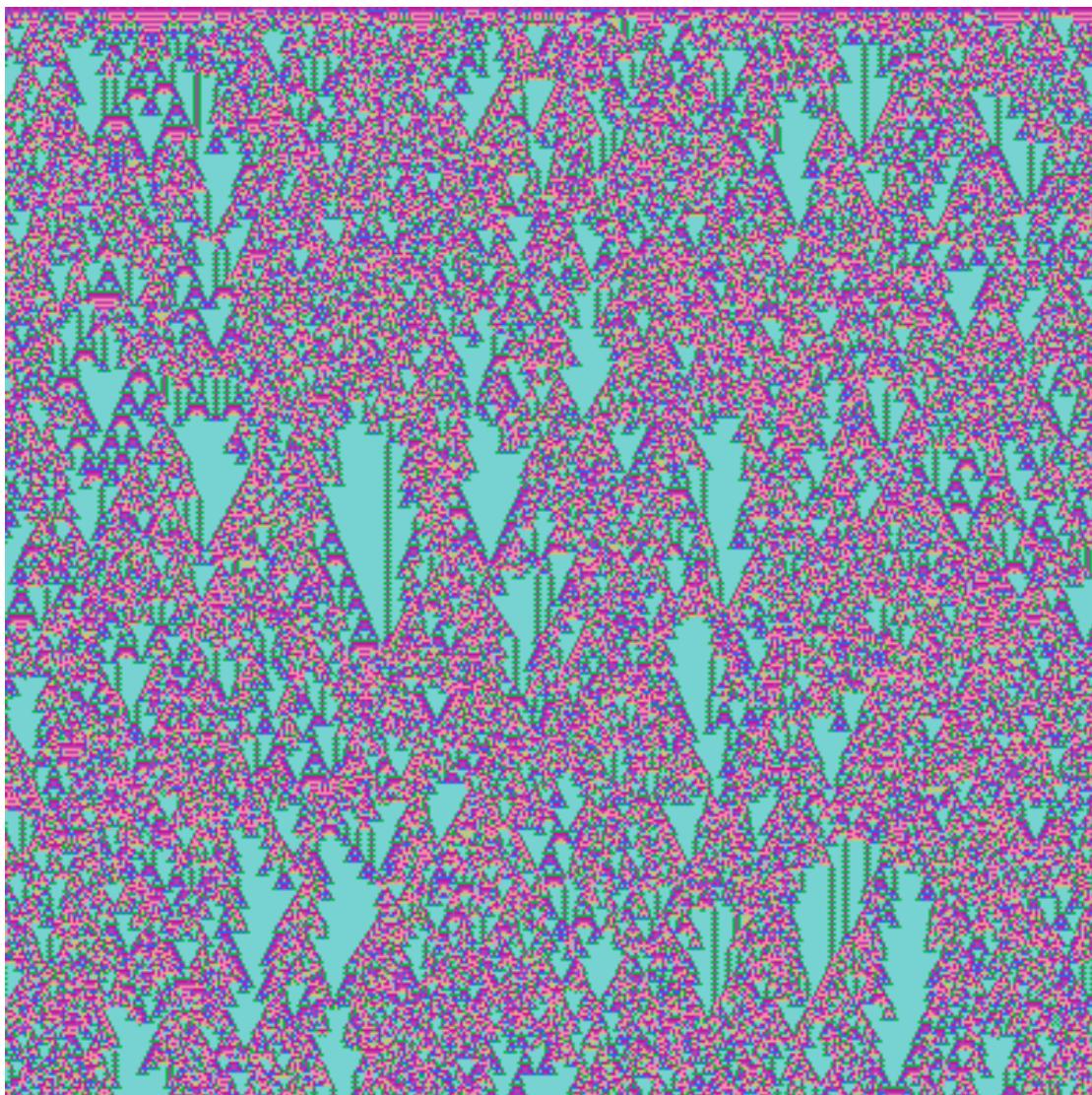


```
In[3314]:= Image[ArrayPlot[CellularAutomaton[{44 346 528 569 663 390 240, {8, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

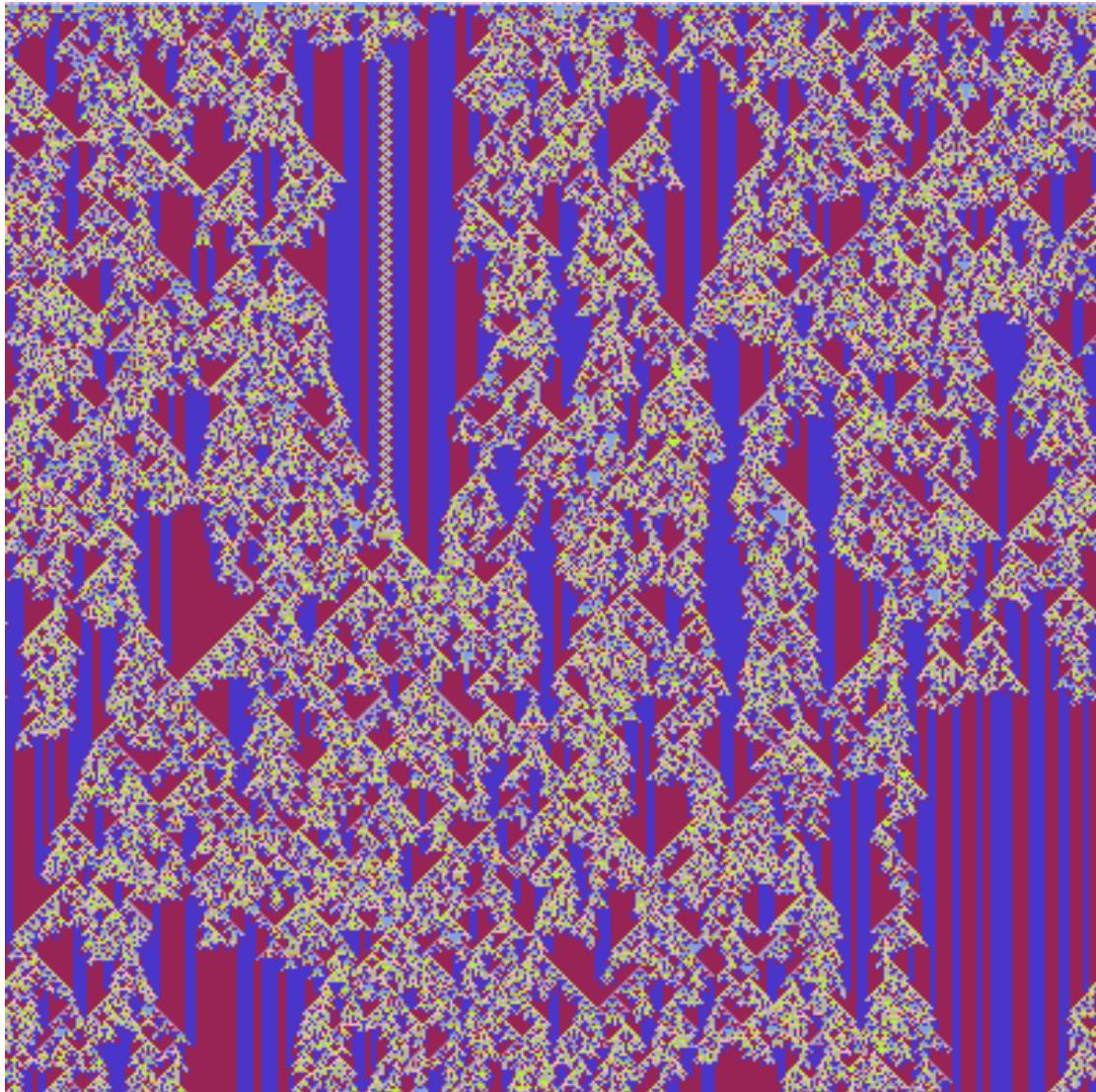


Out[3314]=

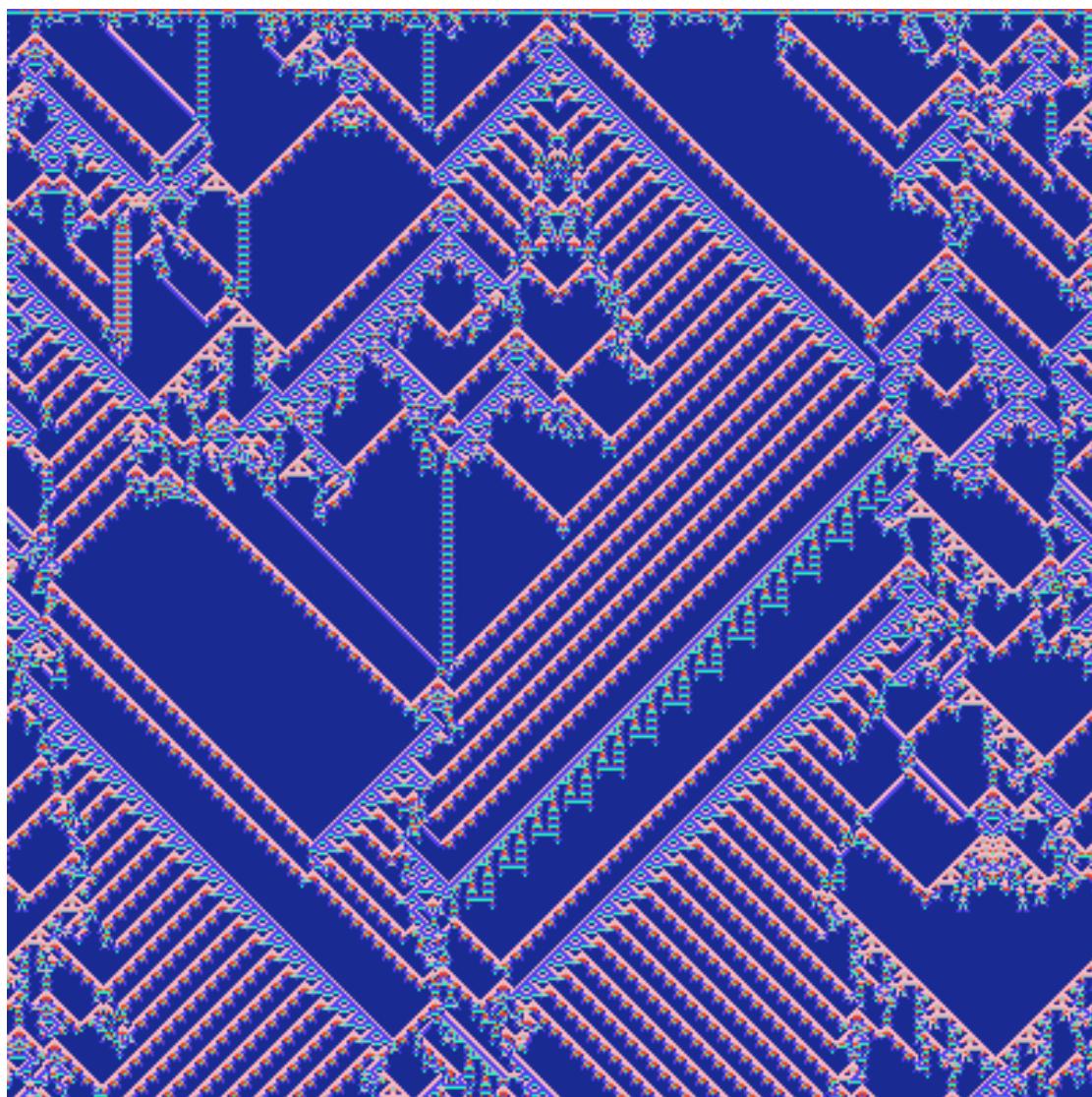
```
In[3309]:= Image[ArrayPlot[CellularAutomaton[{4 859 584 663 297 976 265, {8, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



```
In[3283]:= Image[ArrayPlot[CellularAutomaton[{40462293174819572784, {8, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

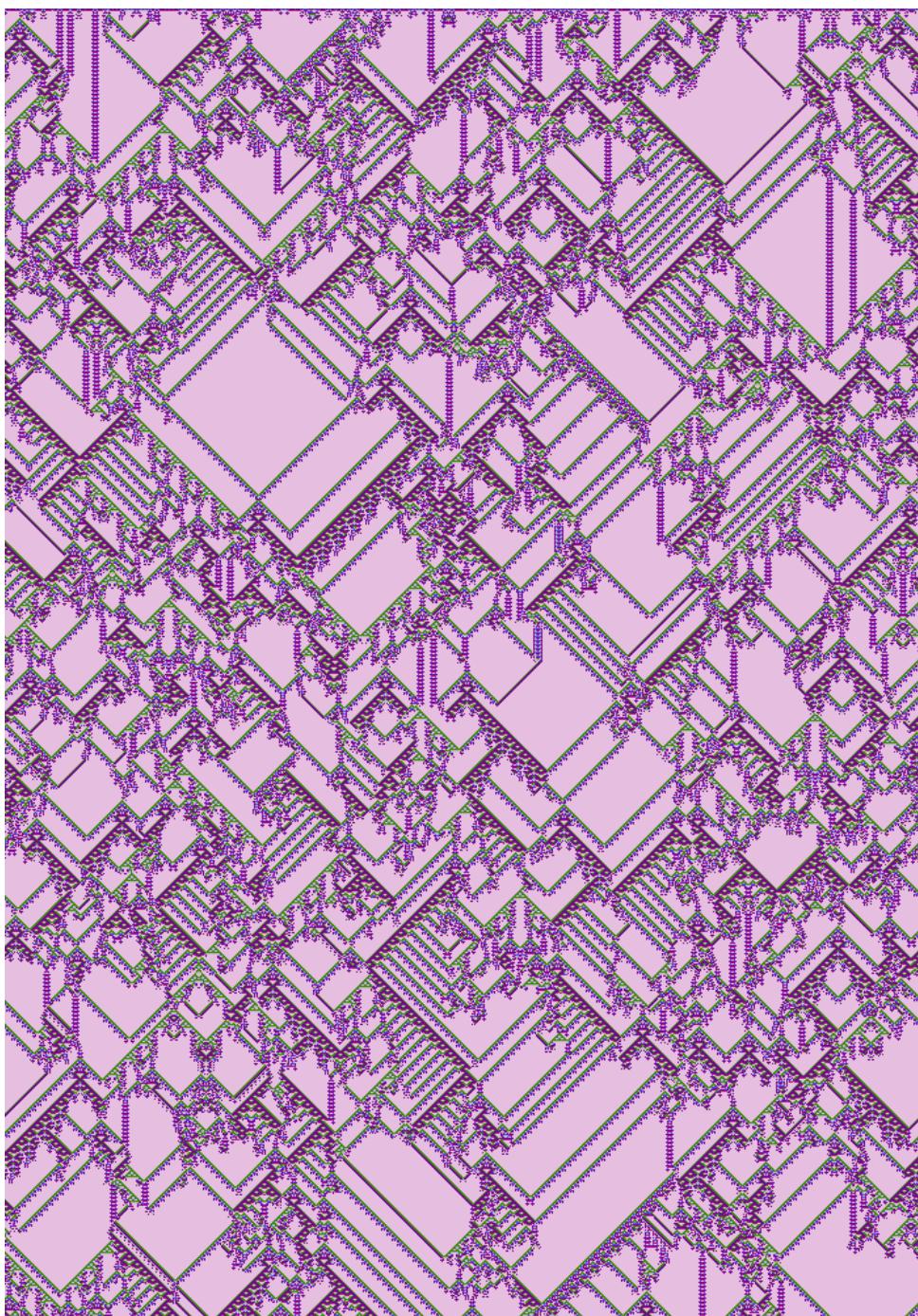


```
In[3282]:= Image[ArrayPlot[CellularAutomaton[{27648091129795825837, {8, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

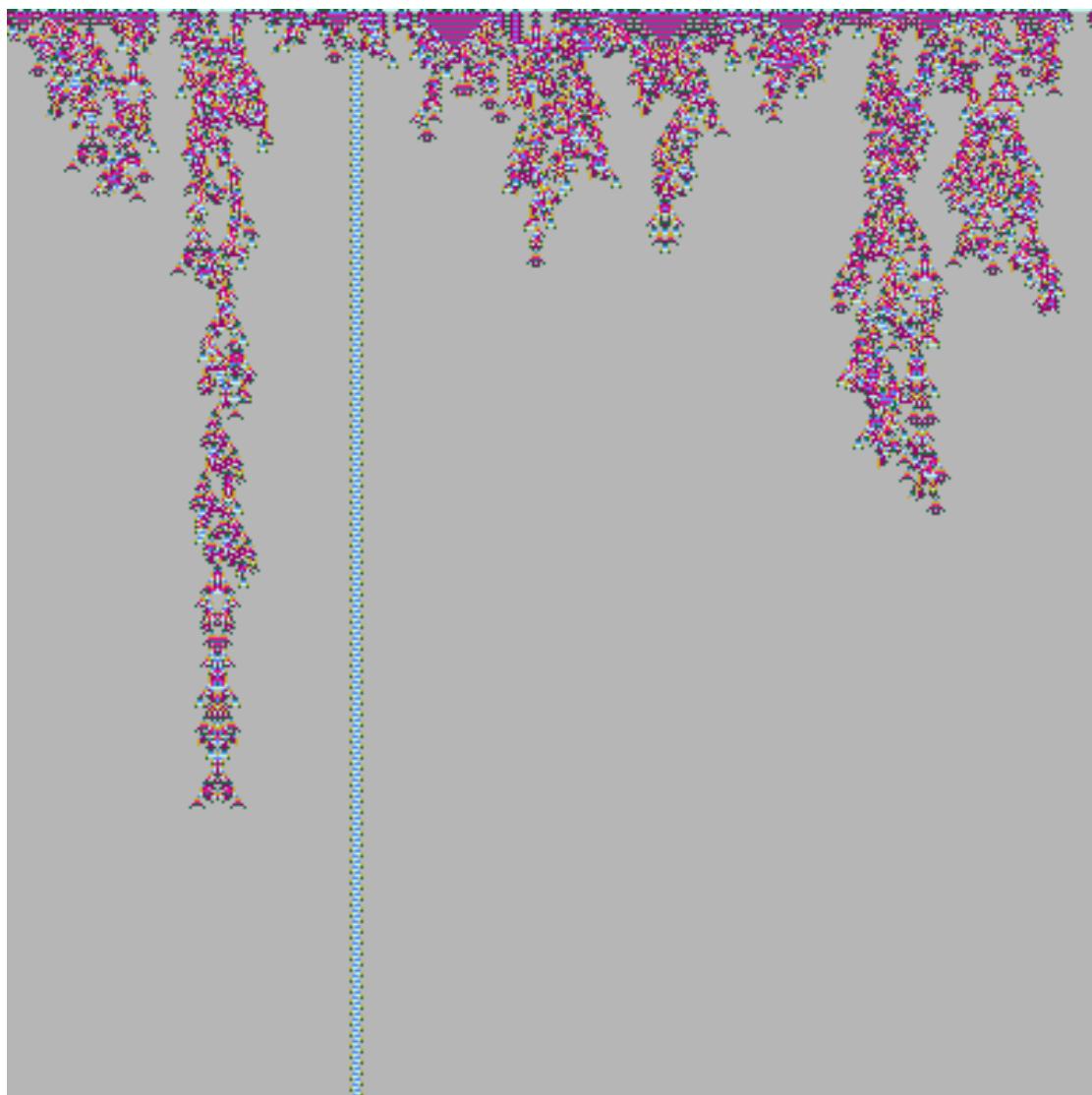


```
In[3664]:= Image[ArrayPlot[CellularAutomaton[{27648091129795825837, {8, 1}, 1},  
RandomInteger[1, 700], 1000], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

Out[3664]=



```
In[3689]:= Image[ArrayPlot[CellularAutomaton[{44 383 502 605 813 901 210, {8, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

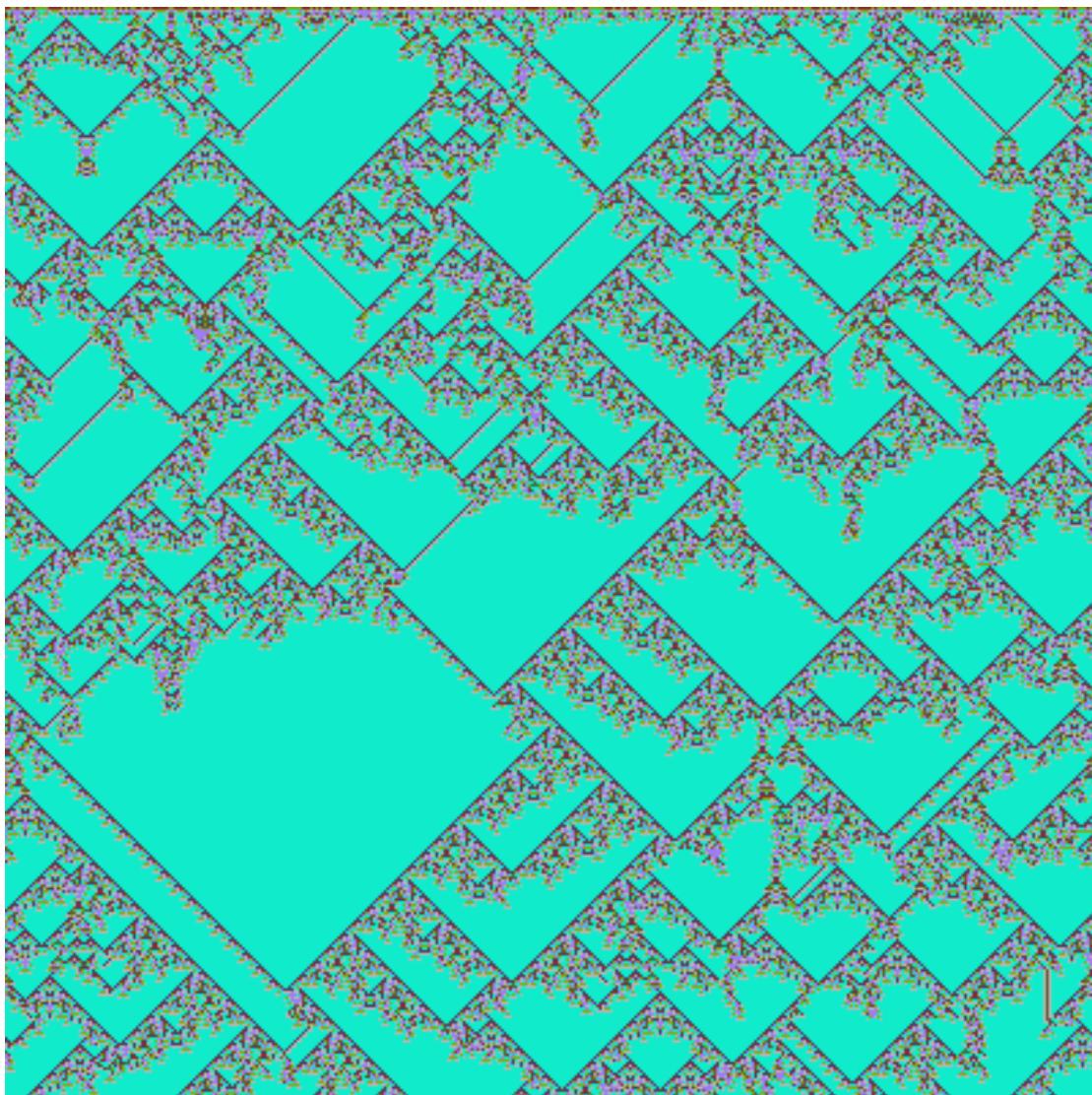


```
In[3695]:= Image[ArrayPlot[CellularAutomaton[{18 898 468 809 854 841 285, {8, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

Out[3695]=

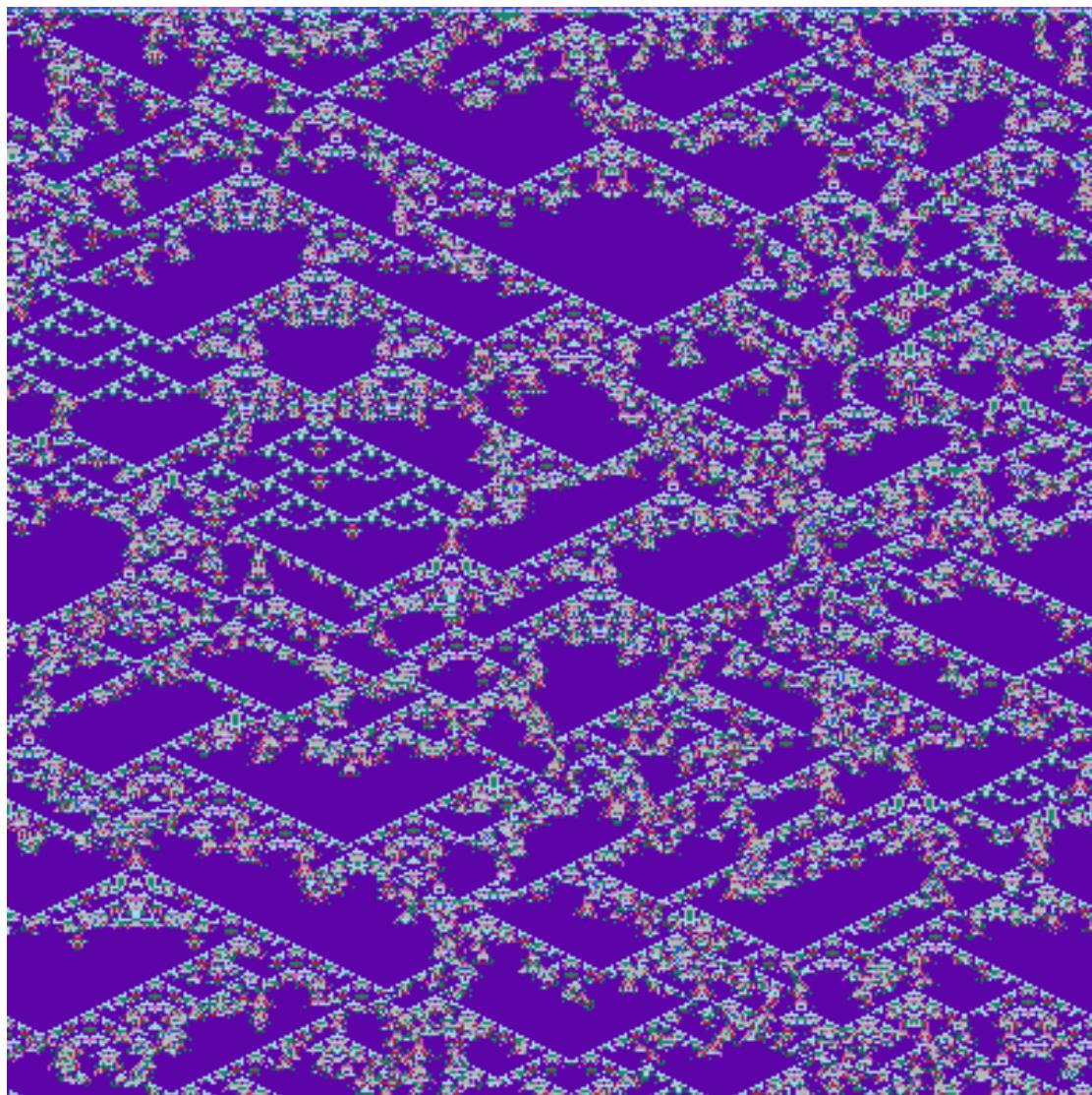


```
In[3729]:= Image[ArrayPlot[CellularAutomaton[{68 747 246 344 133 922 983, {8, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



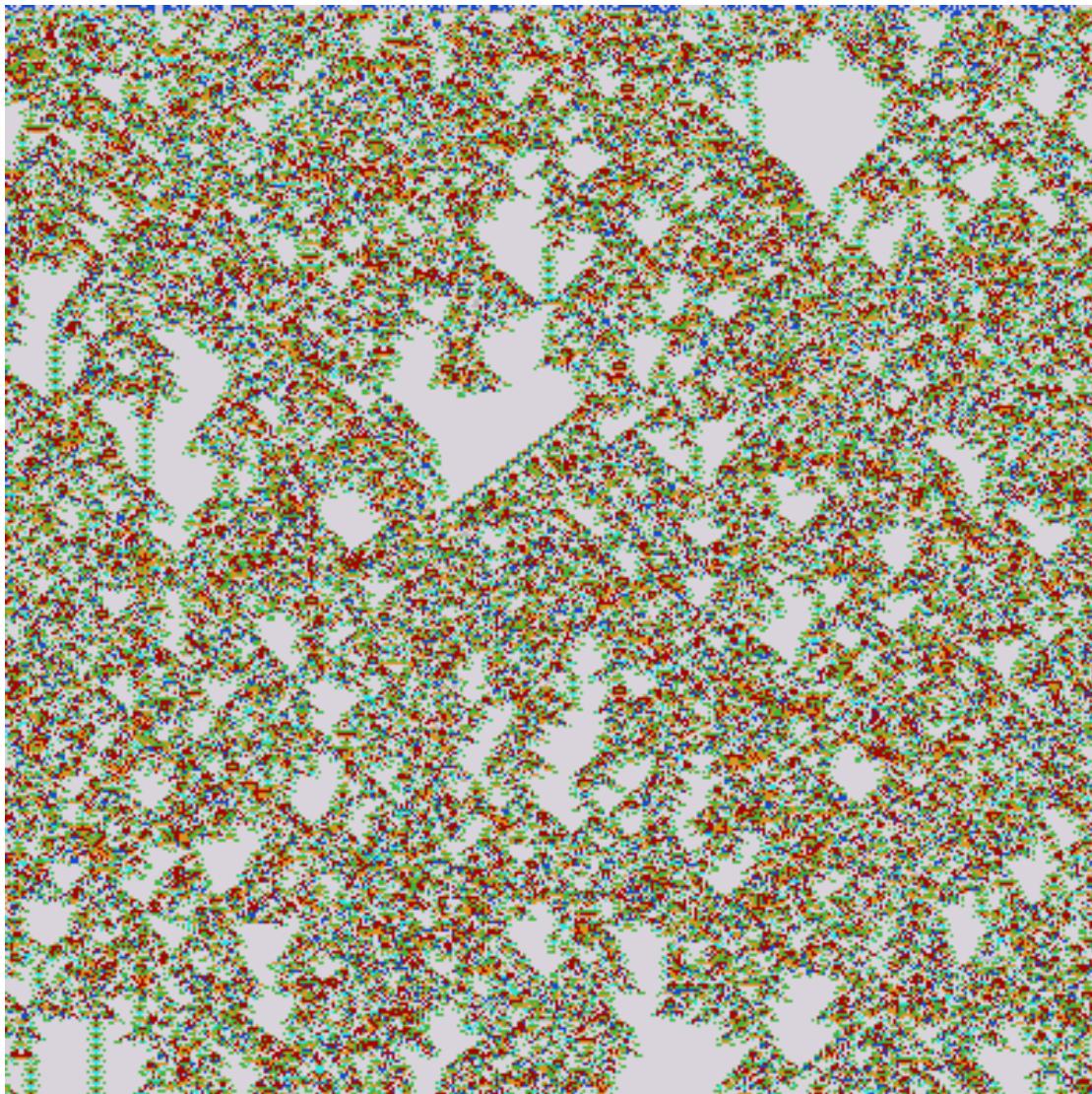
## 8-Colour Totalistic, Range 2

```
In[3279]:= Image[  
  ArrayPlot[CellularAutomaton[{229 321 369 541 173 903 171 226 198 126 330, {8, 1}, 2},  
   RandomInteger[1, 400], 400], ImageSize -> Large,  
   ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
    4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
    7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
    10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



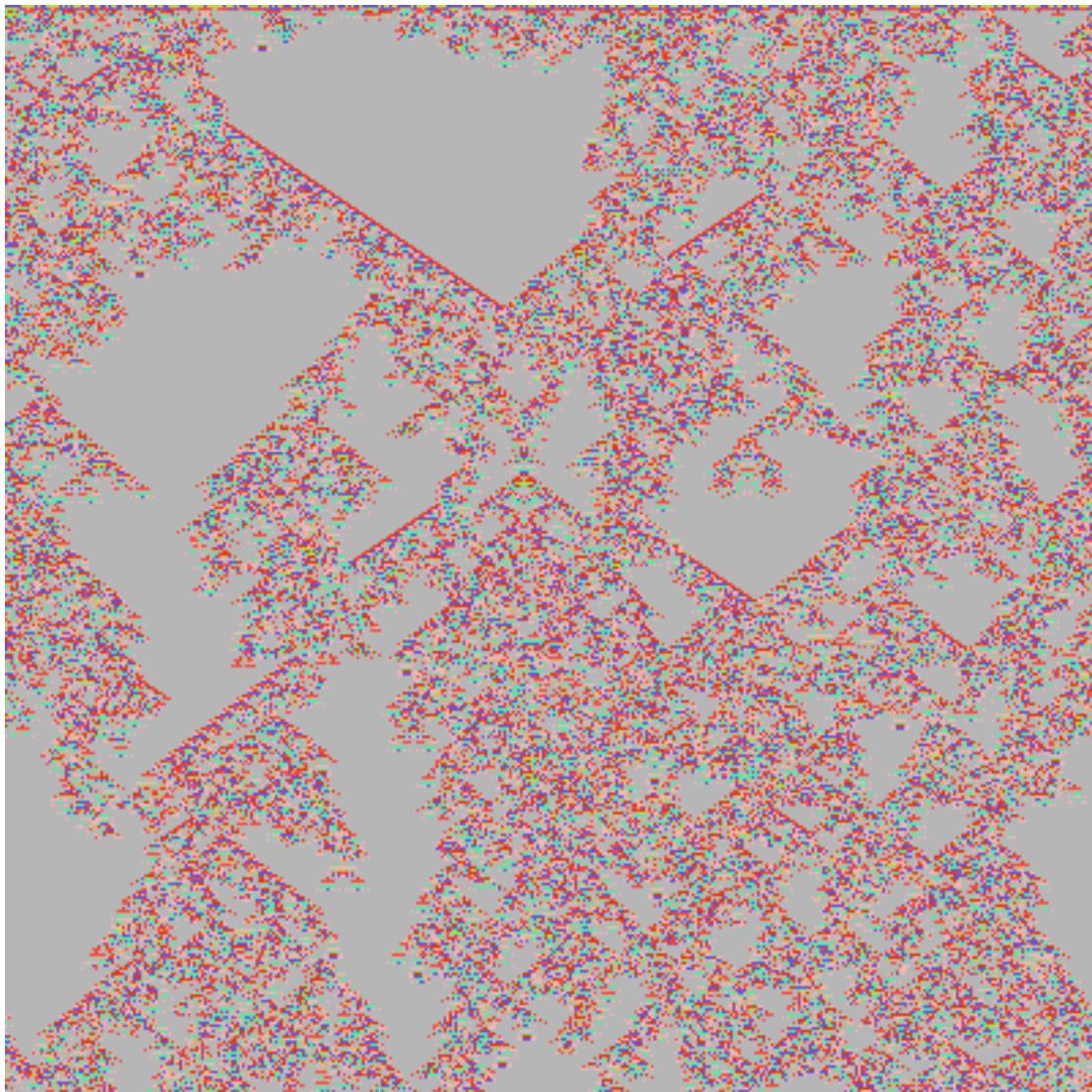
In[3774]:= **Image**[

```
ArrayPlot[CellularAutomaton[{201 724 647 086 562 016 970 961 639 752 212, {8, 1}, 2},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



Out[3774]=

```
In[3889]:= Image[  
  ArrayPlot[CellularAutomaton[{275 331 565 824 099 869 446 470 411 075 857, {8, 1}, 2},  
   RandomInteger[1, 400], 400], ImageSize -> Large,  
   ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
    4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
    7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
    10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]], Frame -> False]]
```

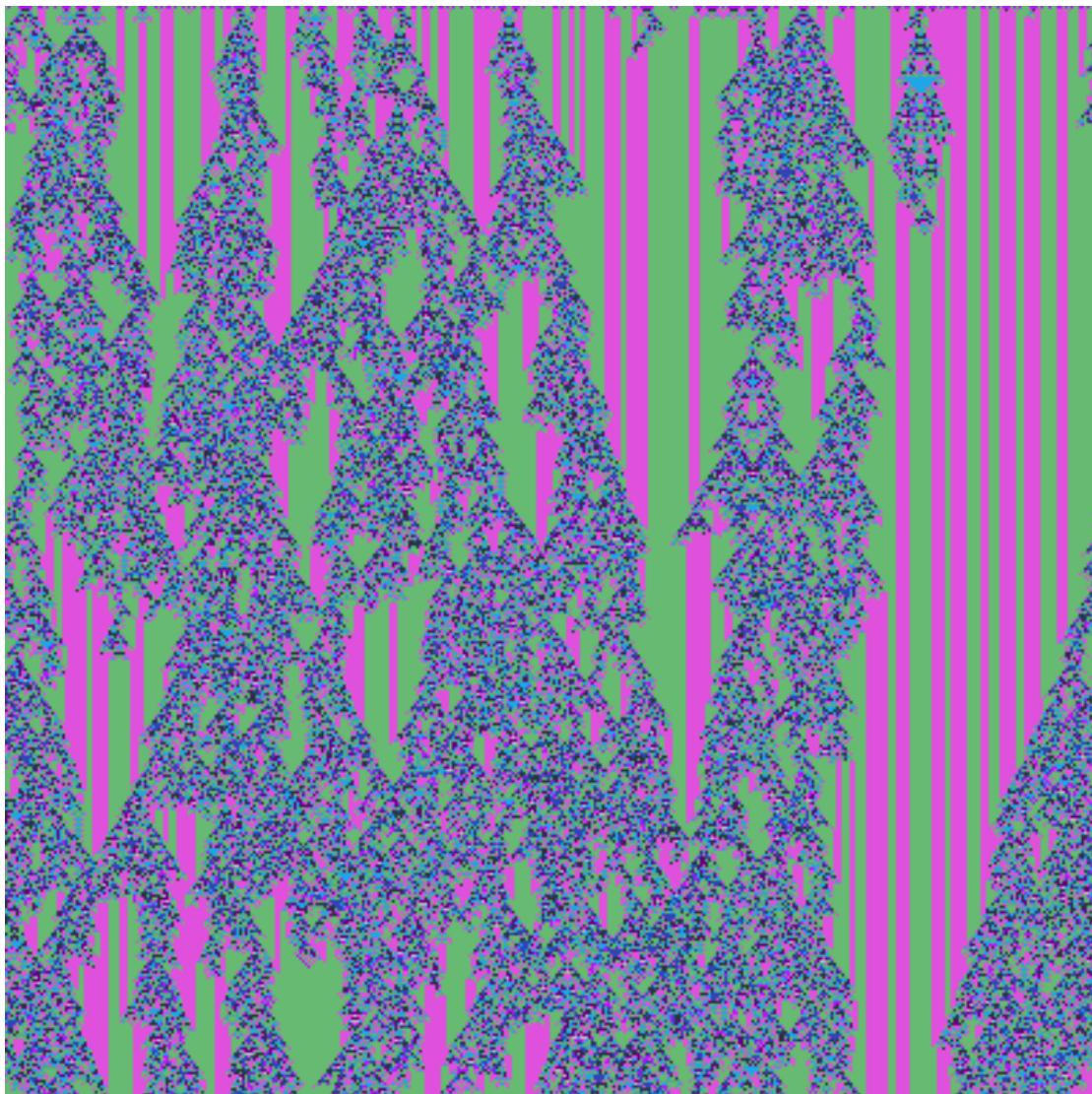


```
Out[3889]=
```

## 9-Colour Totalistic, Range 1

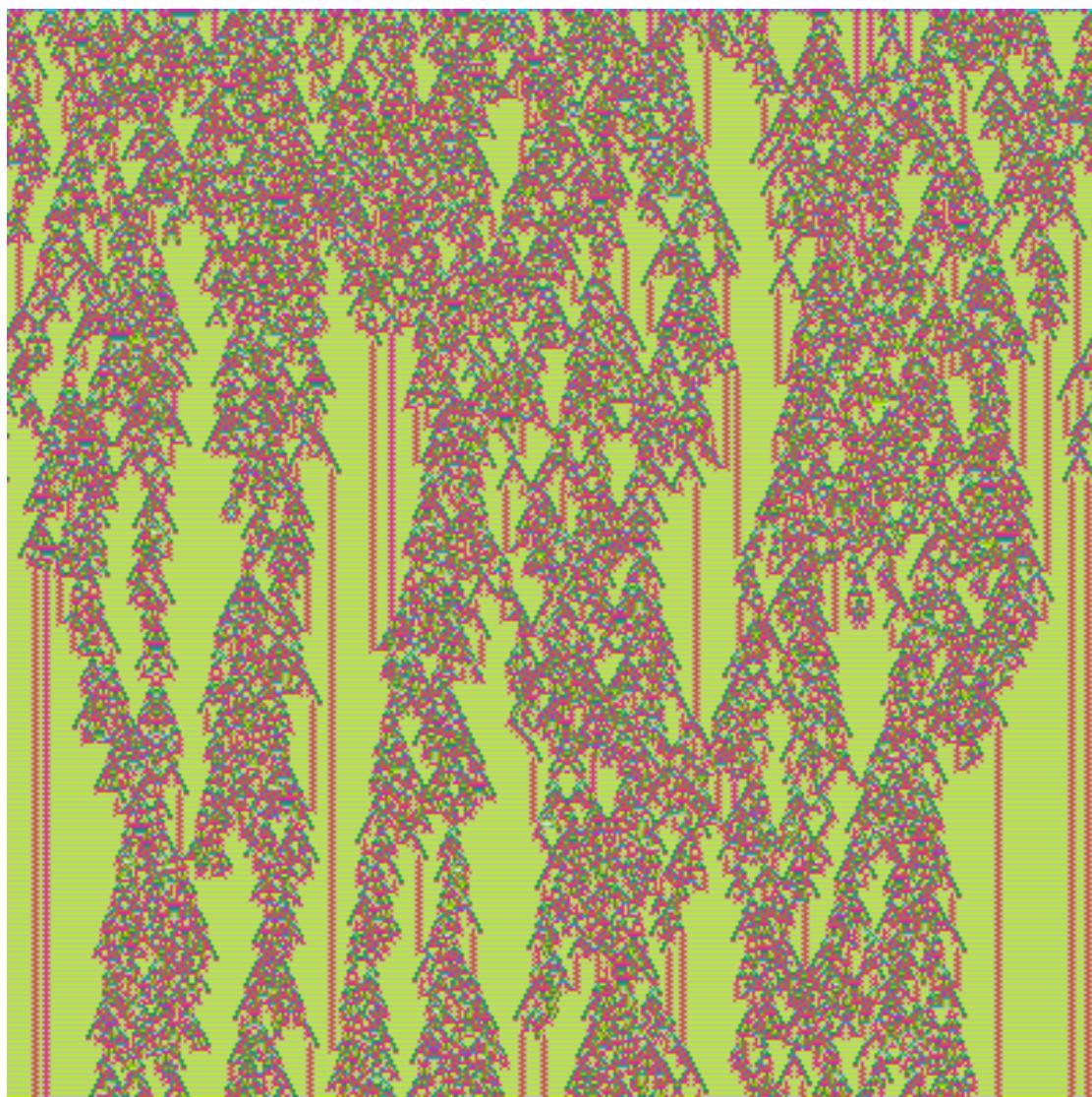
```
In[4898]:= Image[ArrayPlot[CellularAutomaton[  
{182 021 981 846 151 757 658 076, {9, 1}, 1}, RandomInteger[1, 400], 400],  
ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

Out[4898]=

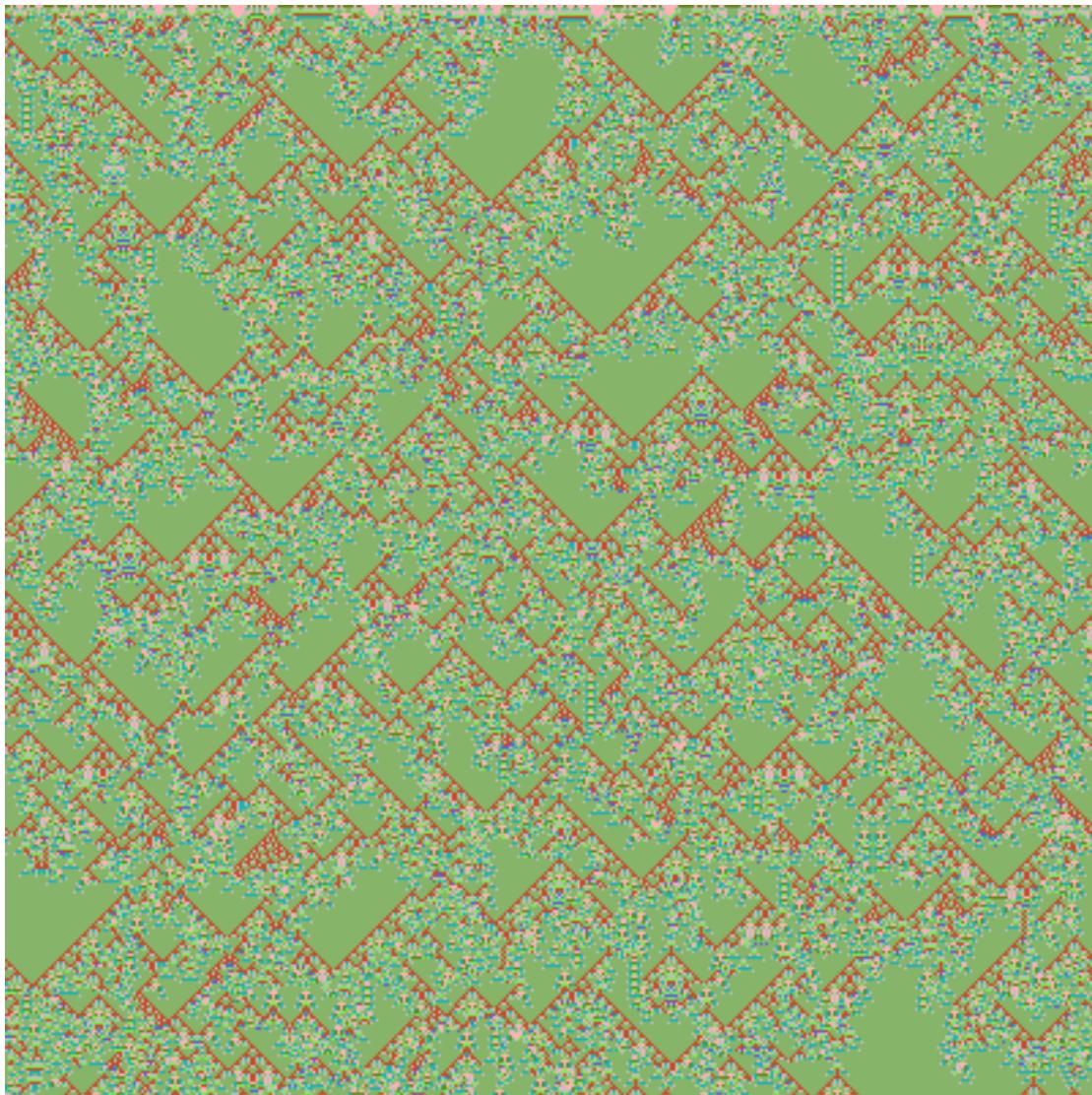


```
In[4897]:= Image[ArrayPlot[CellularAutomaton[
{613 772 012 358 575 321 140 571}, {9, 1}, 1], RandomInteger[1, 400], 400],
ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],
3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],
6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

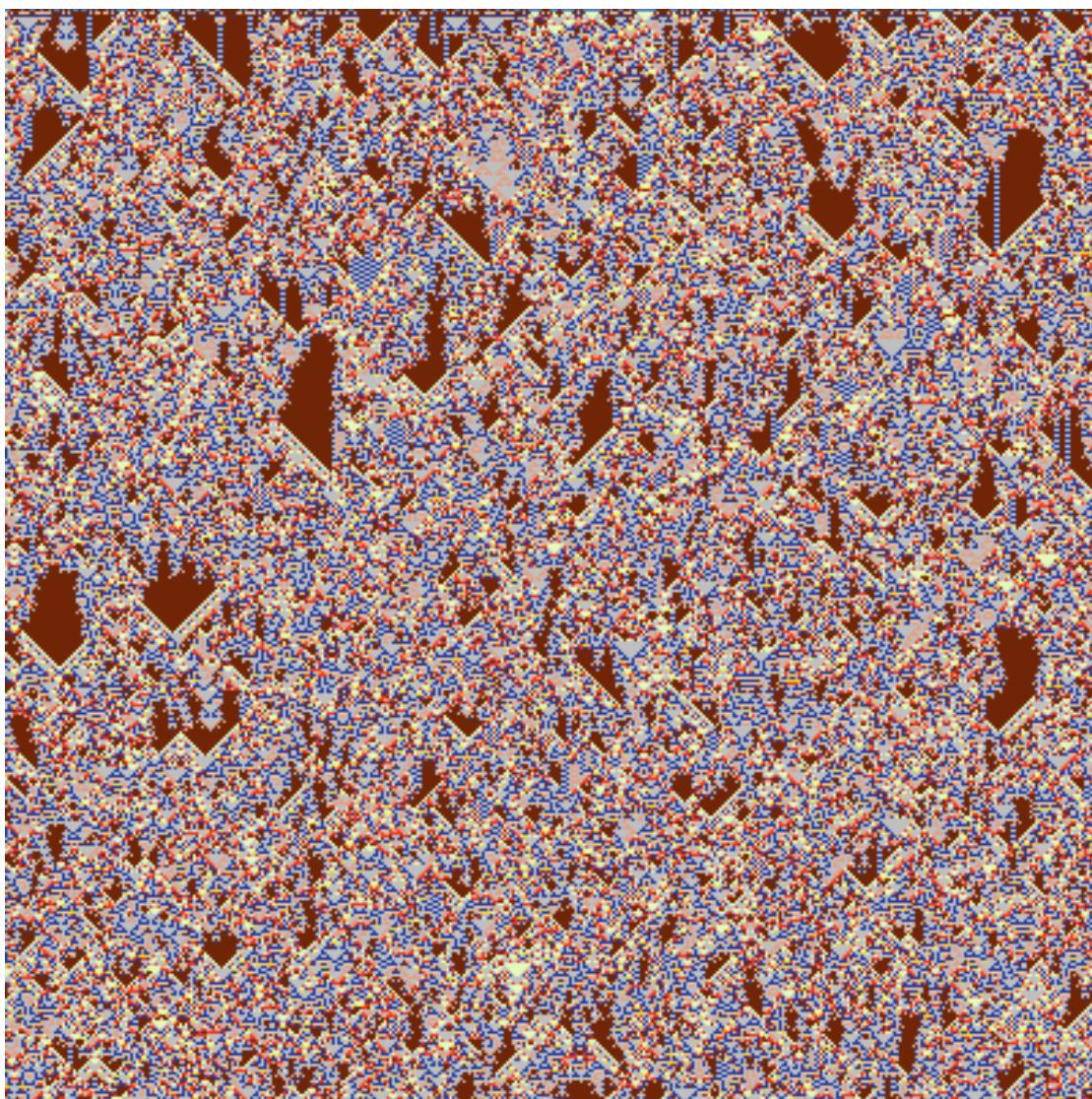
Out[4897]=



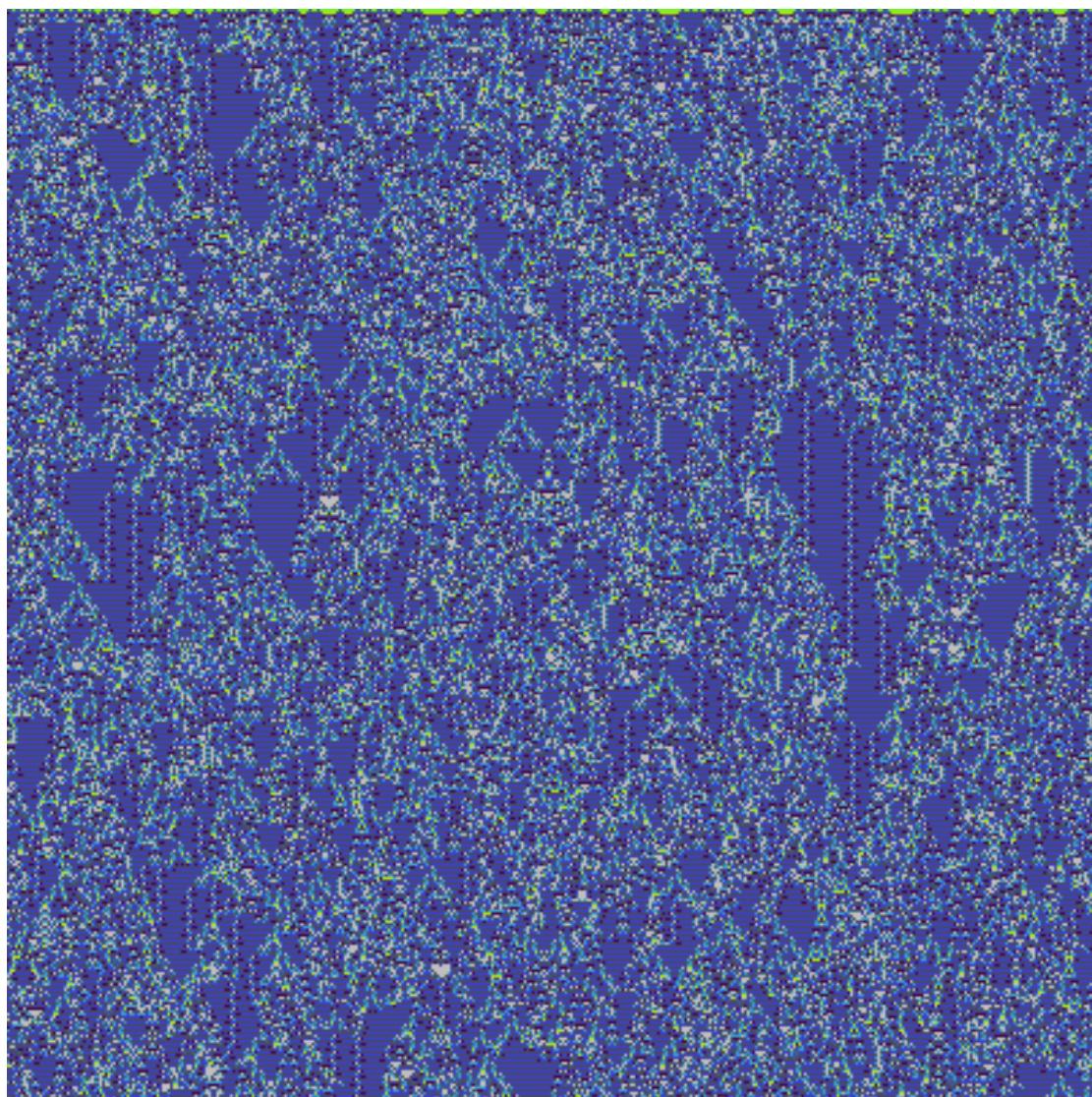
```
In[4889]:= Image[ArrayPlot[CellularAutomaton[  
    {376 443 133 396 427 783 551 221, {9, 1}, 1}, RandomInteger[1, 400], 400],  
    ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
    3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
    6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
    10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



```
In[3267]:= Image[ArrayPlot[CellularAutomaton[  
{351429815695311172396620, {9, 1}, 1}, RandomInteger[1, 400], 400],  
ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

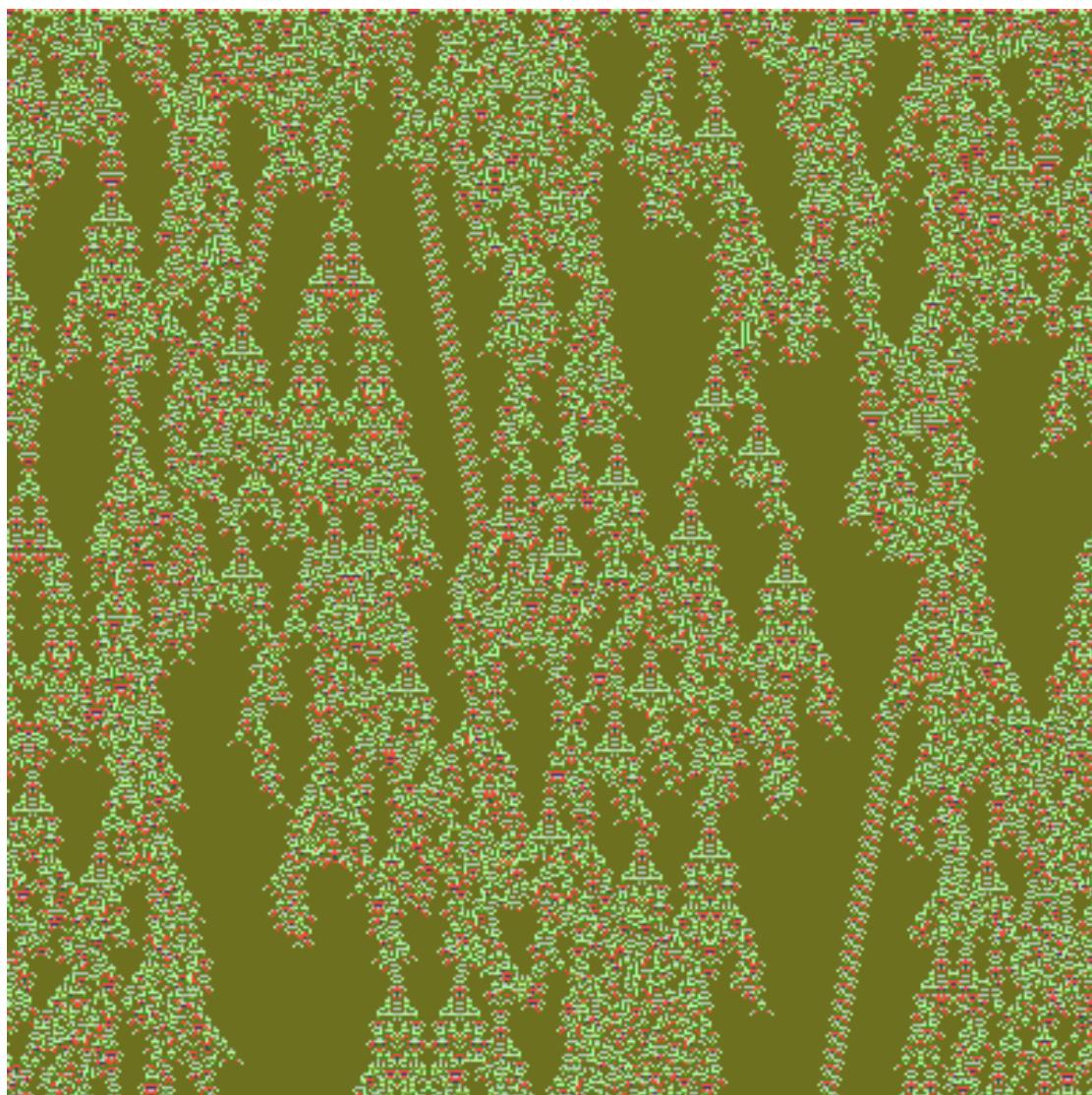


```
In[3181]:= Image[ArrayPlot[CellularAutomaton[  
{298 013 848 612 651 157 159 625}, {9, 1}, 1], RandomInteger[1, 400], 400],  
ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

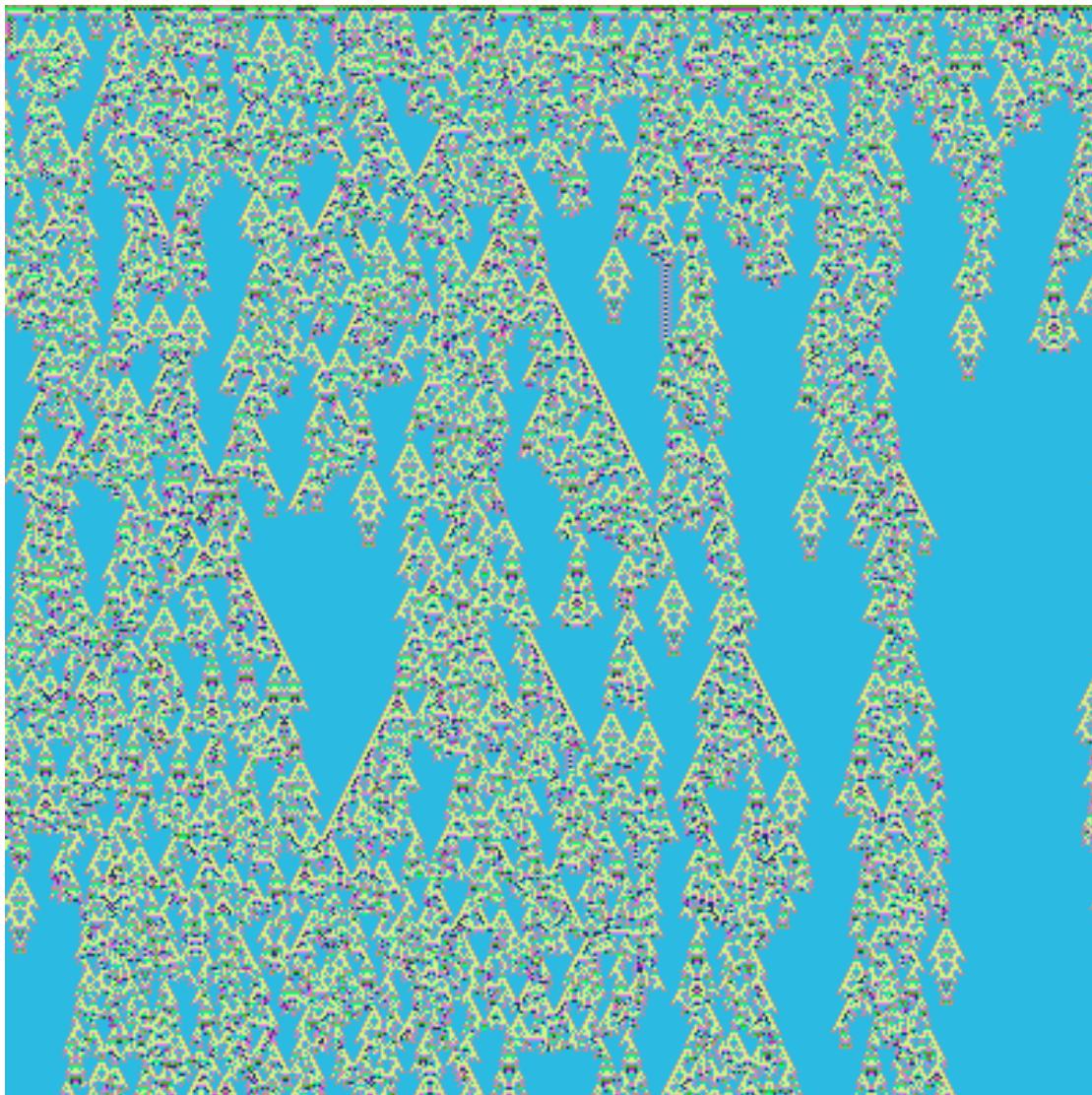


```
In[3158]:= Image[ArrayPlot[CellularAutomaton[  
{153 914 863 772 284 089 057 679}, {9, 1}, 1], RandomInteger[1, 400], 400],  
ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

Out[3158]=

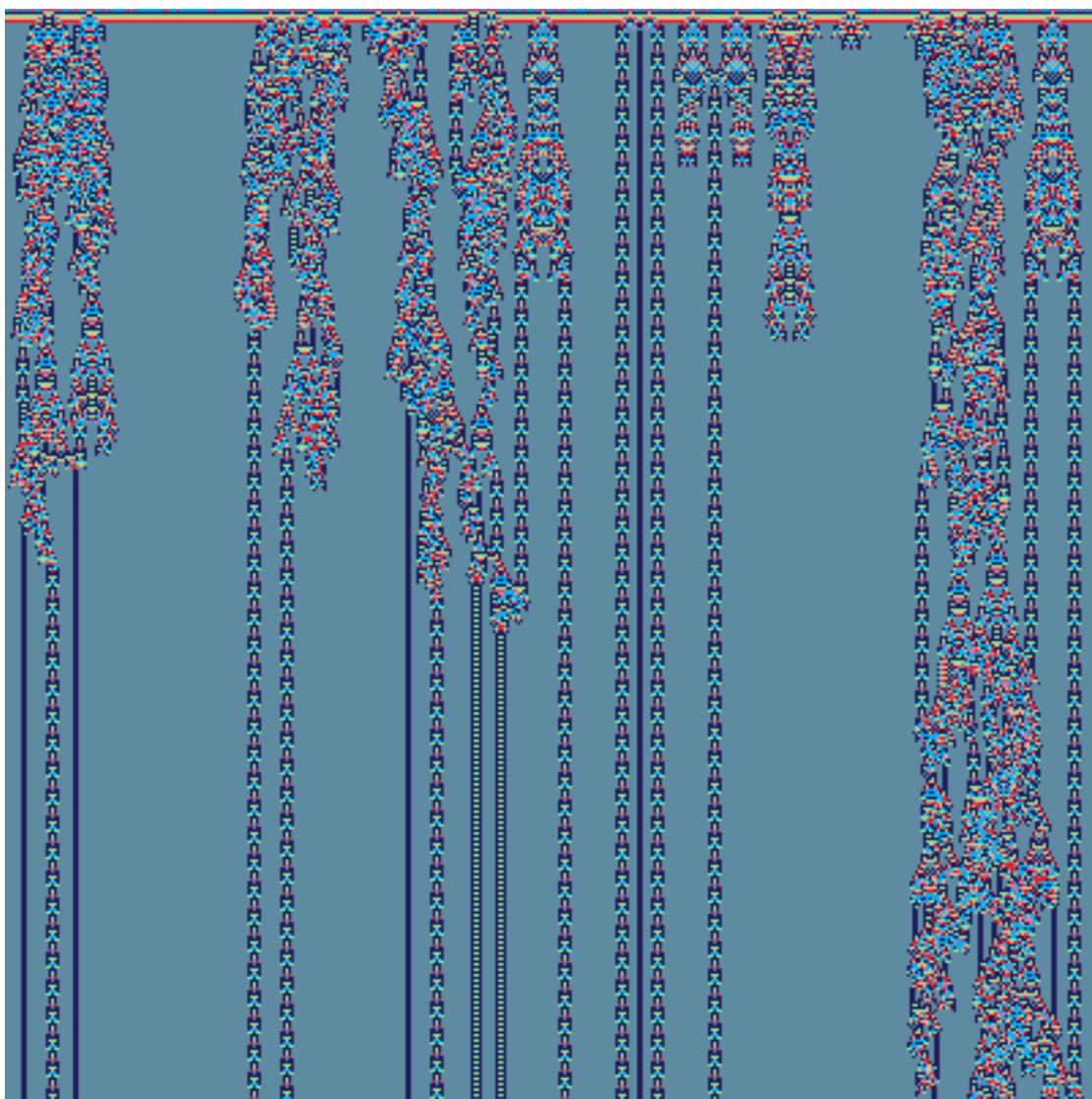


```
In[3106]:= Image[ArrayPlot[CellularAutomaton[  
{287 724 570 221 091 851 404 918, {9, 1}, 1}, RandomInteger[1, 400], 400],  
ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



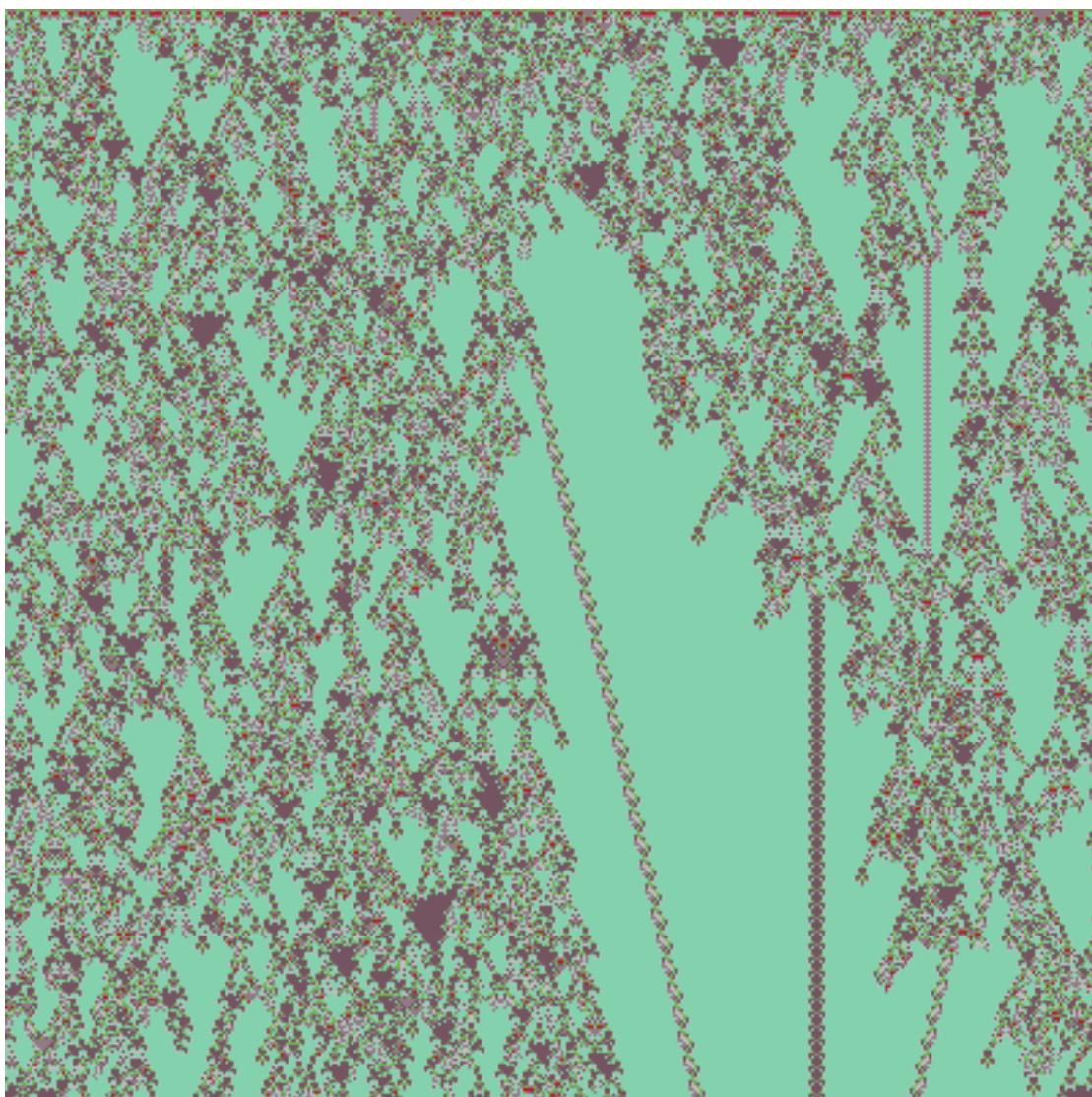
```
In[4191]:= Image[ArrayPlot[CellularAutomaton[  
{573 761 719 825 334 448 979 062, {9, 1}, 1}, RandomInteger[1, 400], 400],  
ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

Out[4191]=

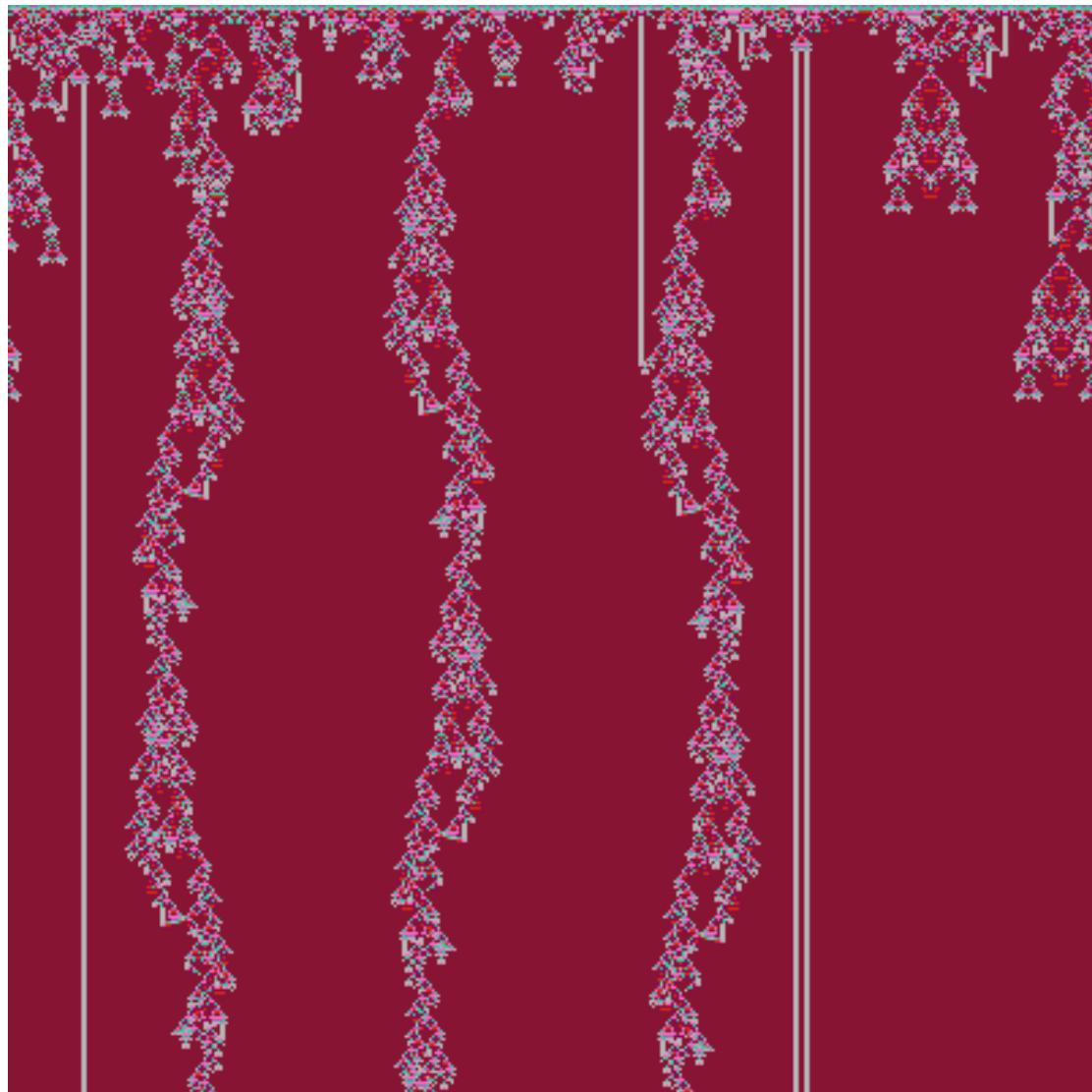


```
In[4225]:= Image[ArrayPlot[CellularAutomaton[  
    {517 053 527 698 050 805 653 198, {9, 1}, 1}, RandomInteger[1, 400], 400],  
    ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
    3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
    6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
    10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

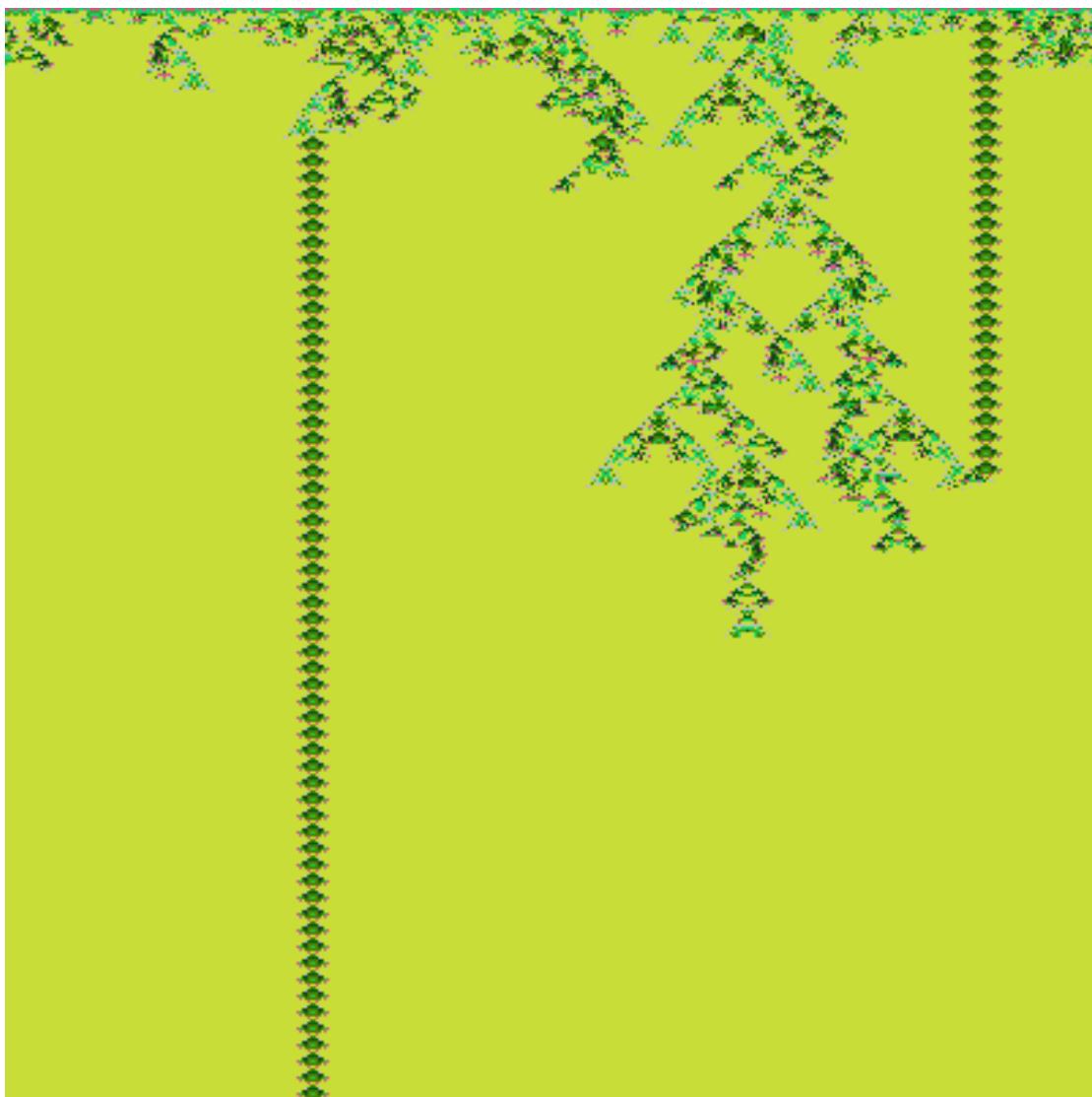
Out[4225]=



```
In[4253]:= Image[ArrayPlot[CellularAutomaton[  
{273 991 692 493 747 611 945 929}, {9, 1}, 1], RandomInteger[1, 400], 400],  
ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[],  
3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[],  
6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



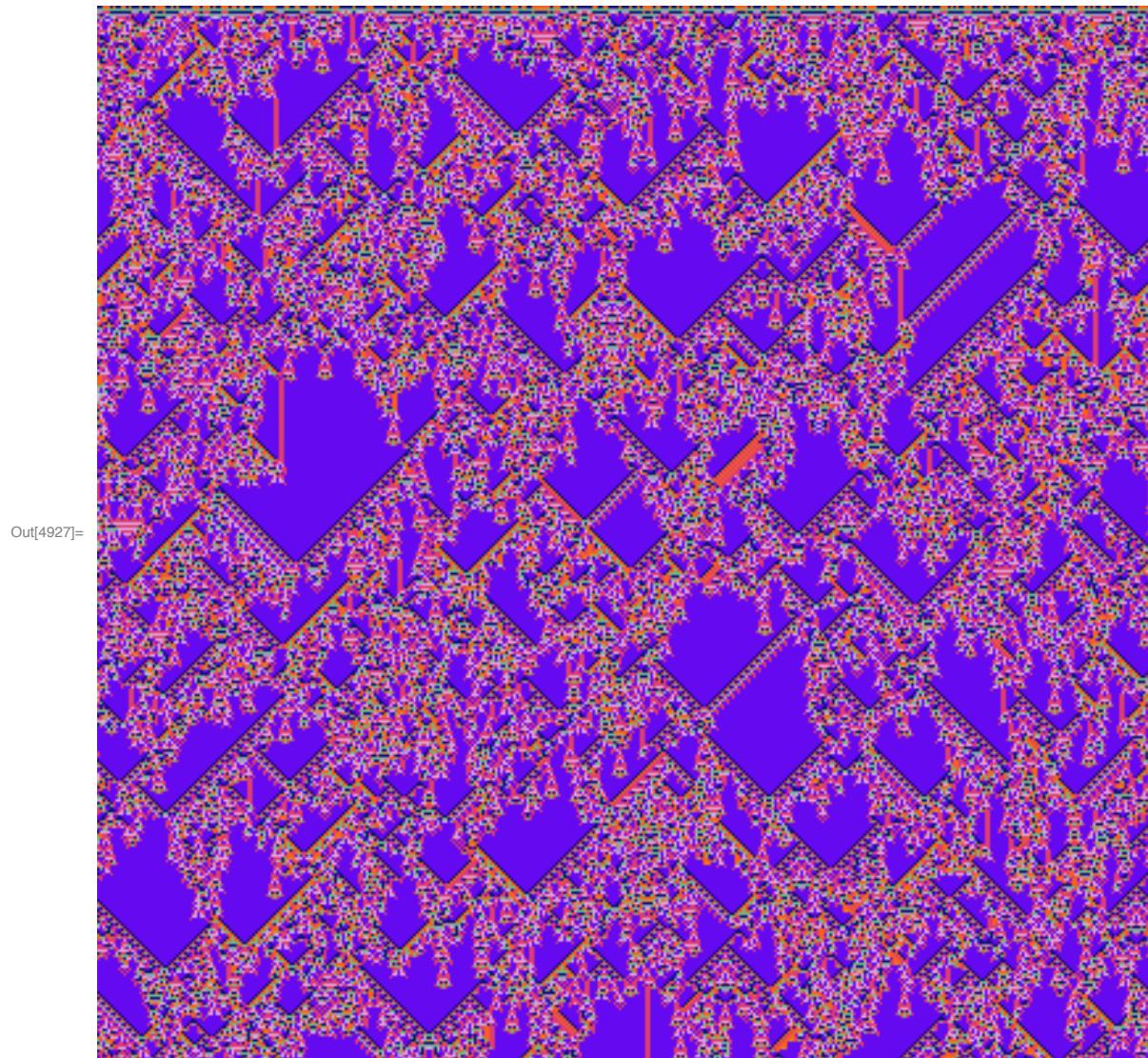
```
In[4913]:= Image[ArrayPlot[  
  CellularAutomaton[{1 208 710 226 206 842 389 681 960 584 011 973 770 116, {9, 1}, 2},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]], Frame -> False]]
```



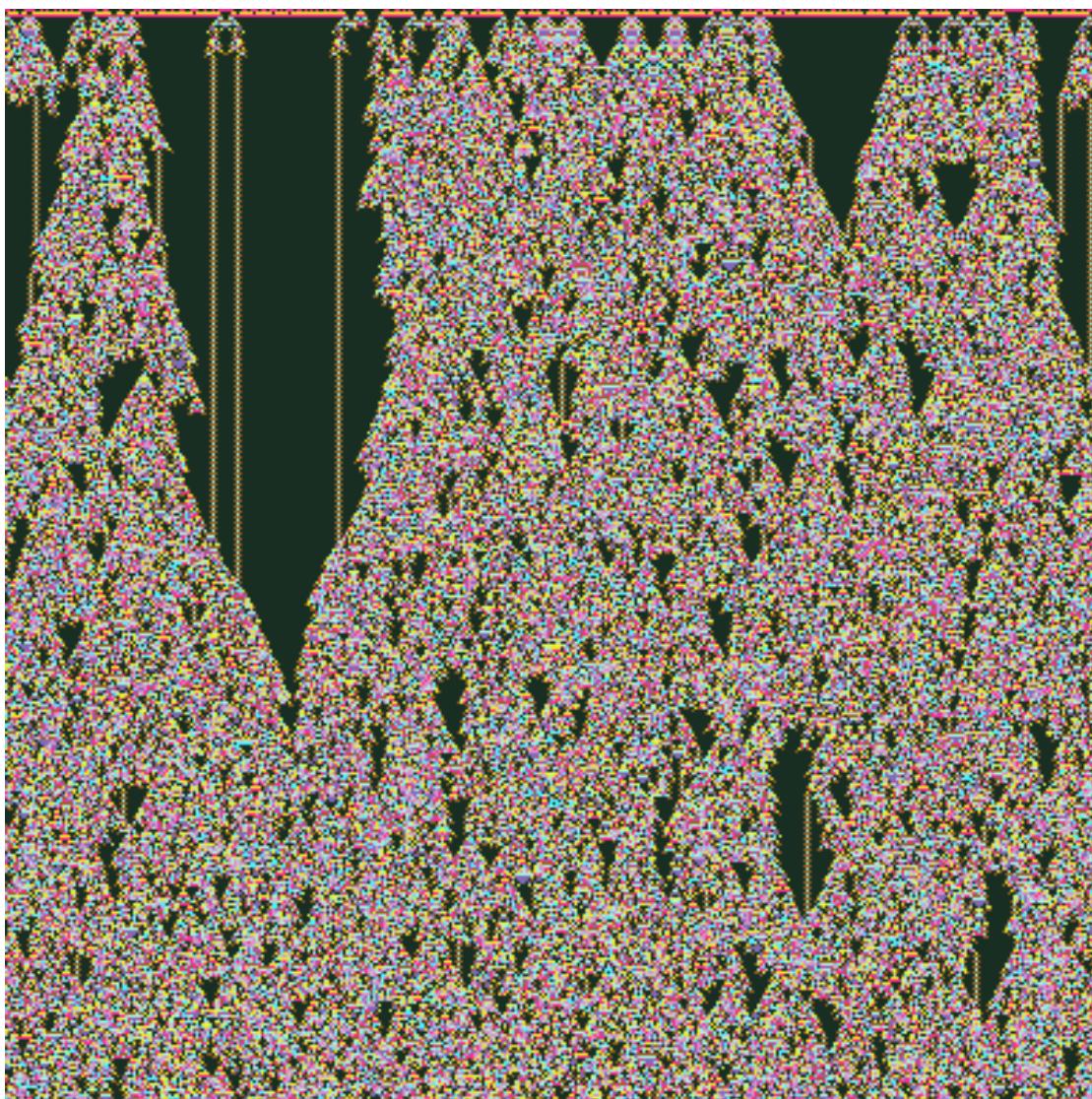
Out[4913]=

## 10-Colour Totalistic, Range 1

```
In[4927]:= Image[ArrayPlot[CellularAutomaton[{830 194 270 335 543 504 611 469 667, {10, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

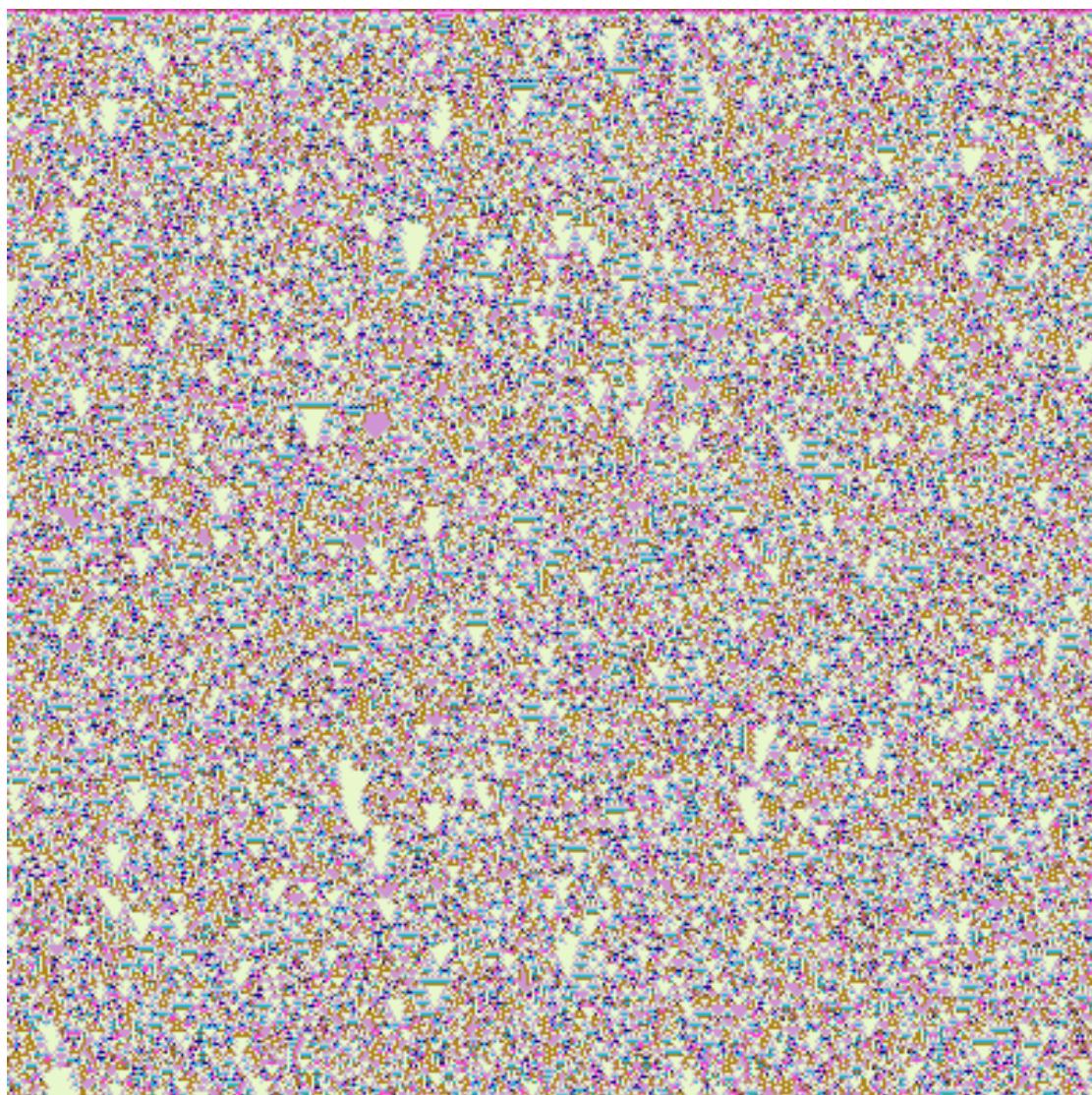


```
In[3101]:= Image[ArrayPlot[CellularAutomaton[{4 036 261 294 900 174 856 088 230 770, {10, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



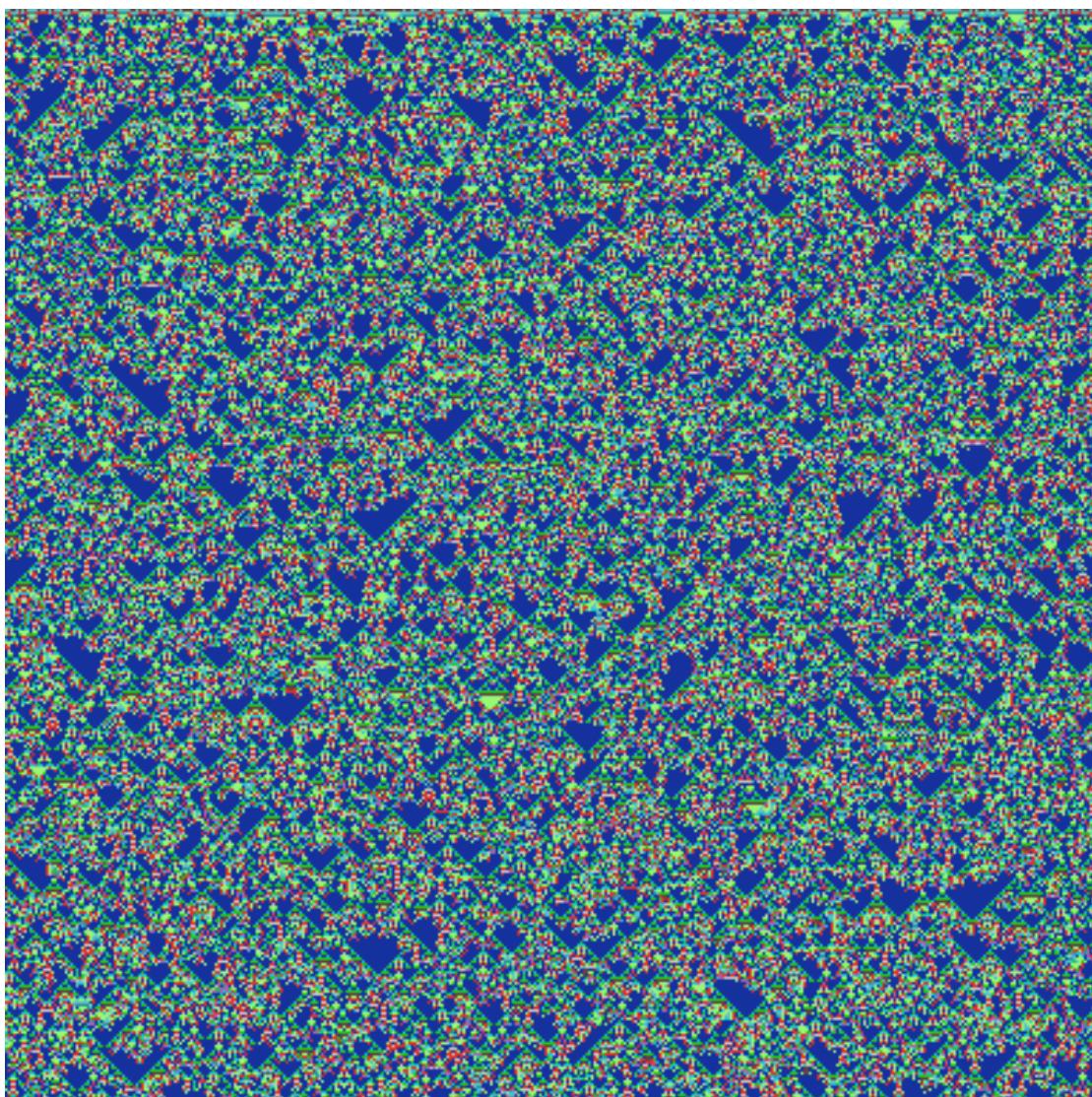
Out[3101]=

```
In[3088]:= Image[ArrayPlot[CellularAutomaton[{6 368 250 822 034 213 483 385 943 072, {10, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

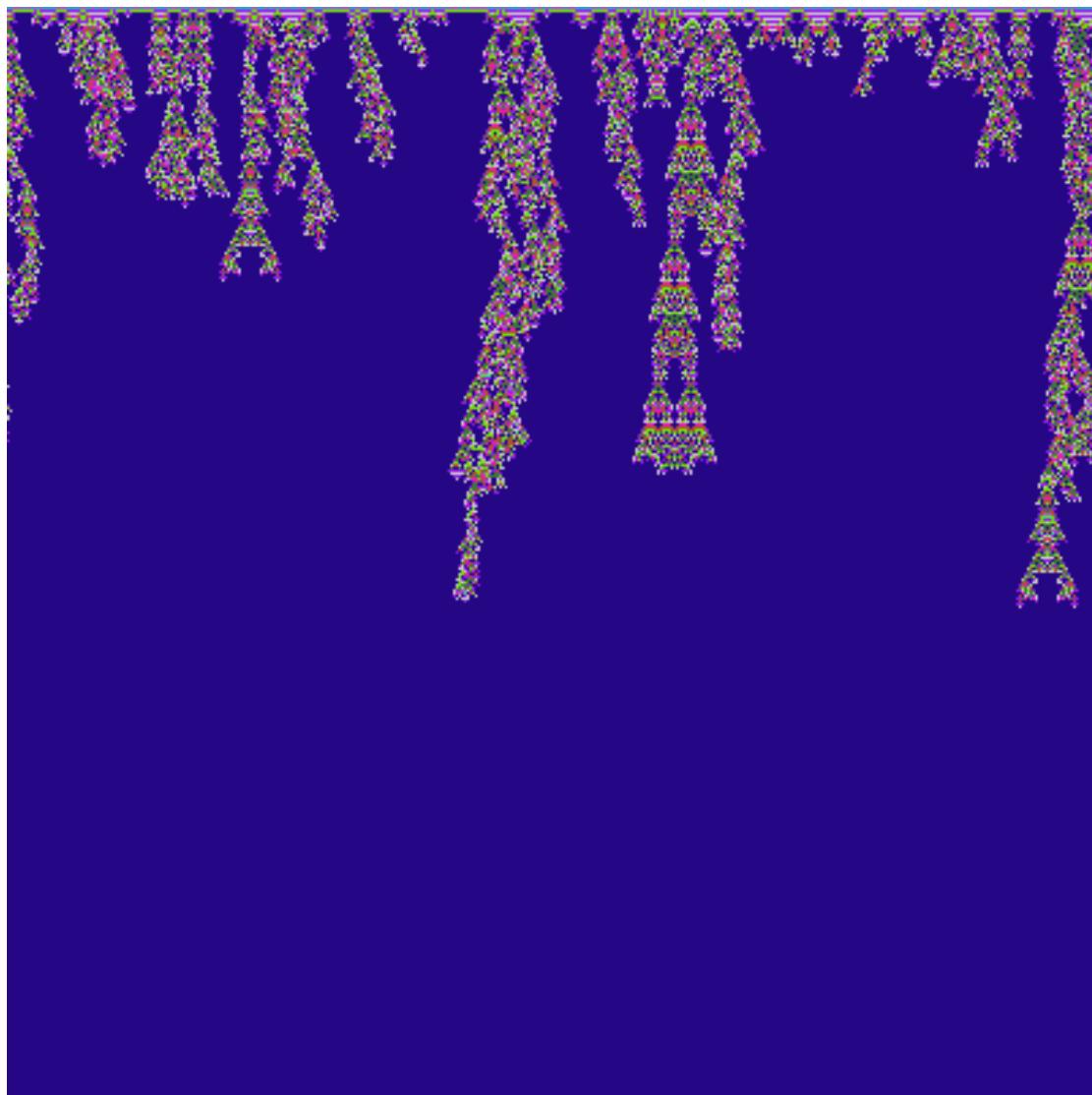


```
Out[3088]=
```

```
In[3068]:= Image[ArrayPlot[CellularAutomaton[{4 941 095 623 575 584 457 015 934 079, {10, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

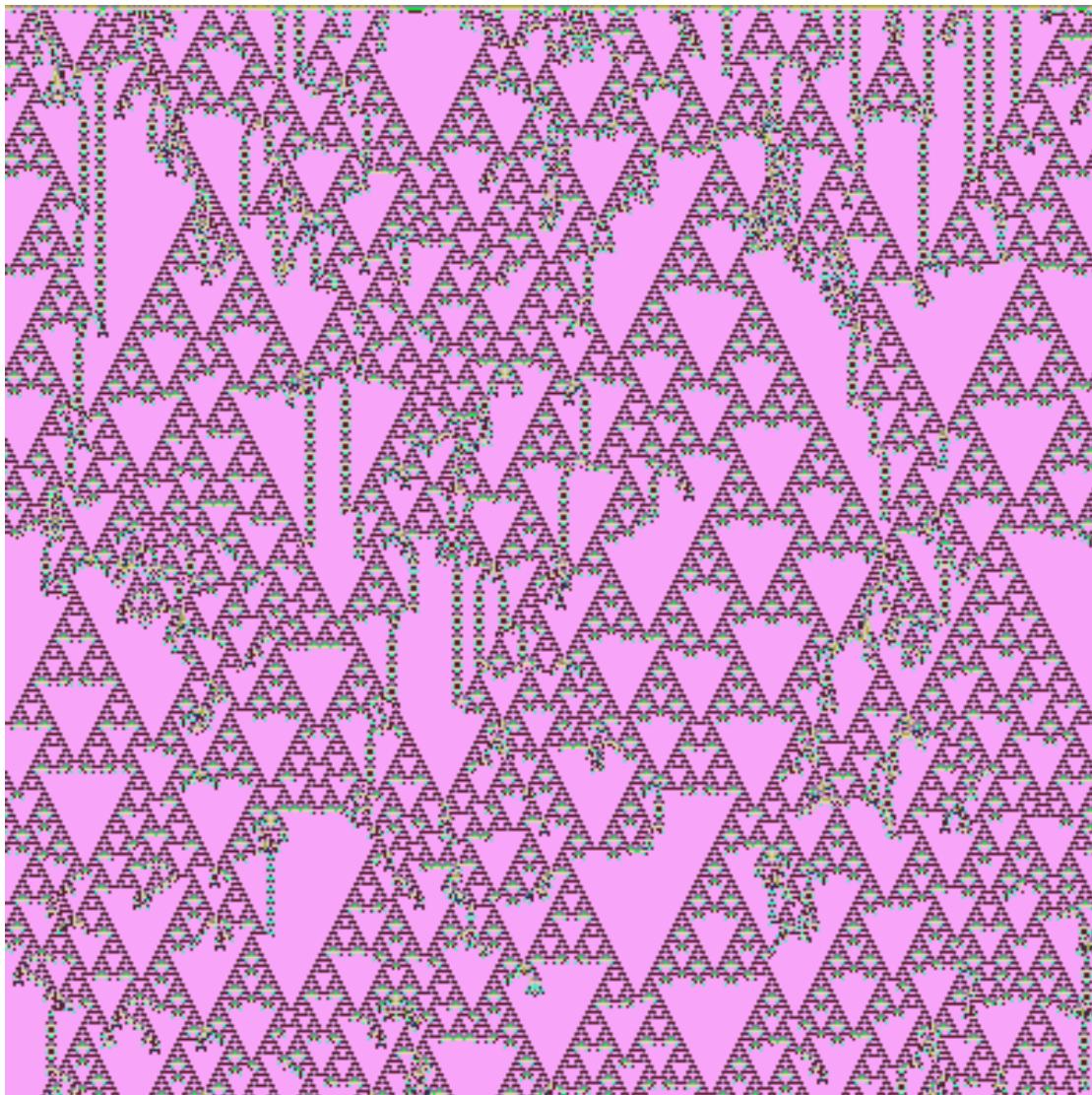


```
In[3048]:= Image[ArrayPlot[CellularAutomaton[{3 338 238 558 742 348 917 885 667 755, {10, 1}, 1}, RandomInteger[1, 400], 400], ImageSize -> Large, ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[], 4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[], 7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[], 10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

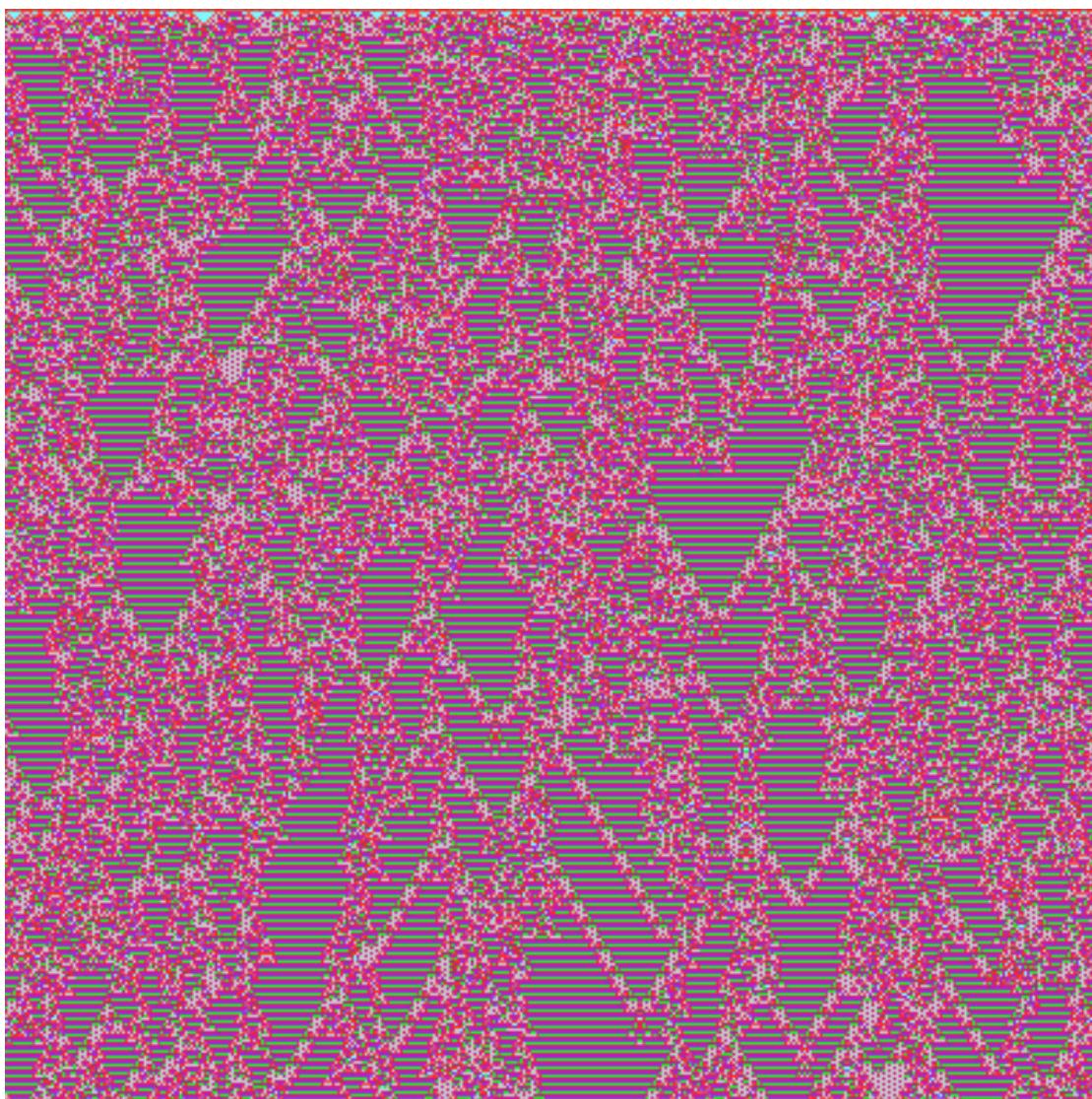


```
In[4278]:= Image[ArrayPlot[CellularAutomaton[{716 604 555 055 695 263 414 034 458, {10, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

Out[4278]=

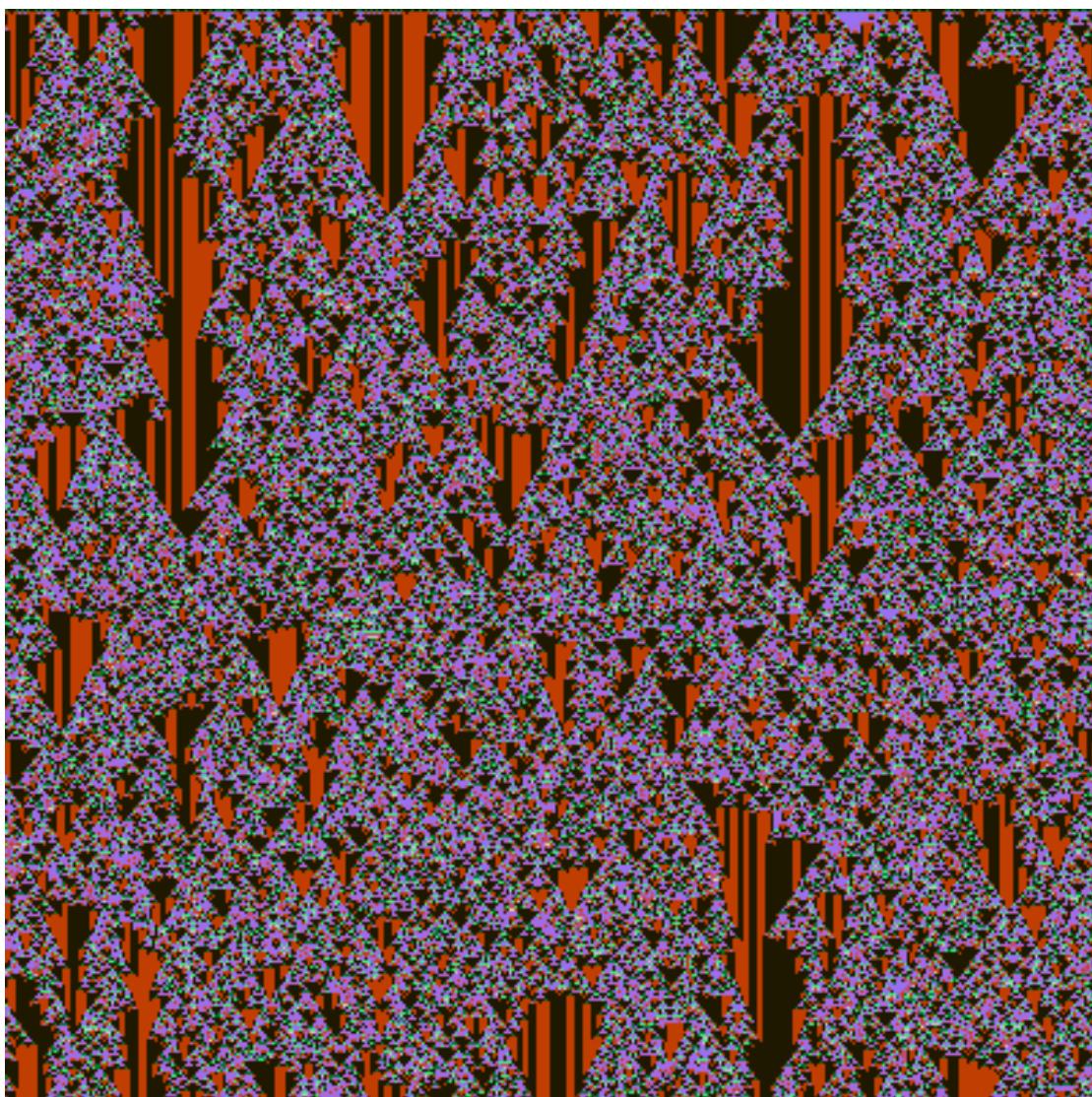


```
In[4324]:= Image[ArrayPlot[CellularAutomaton[{6 068 340 453 601 222 979 979 999 842, {10, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

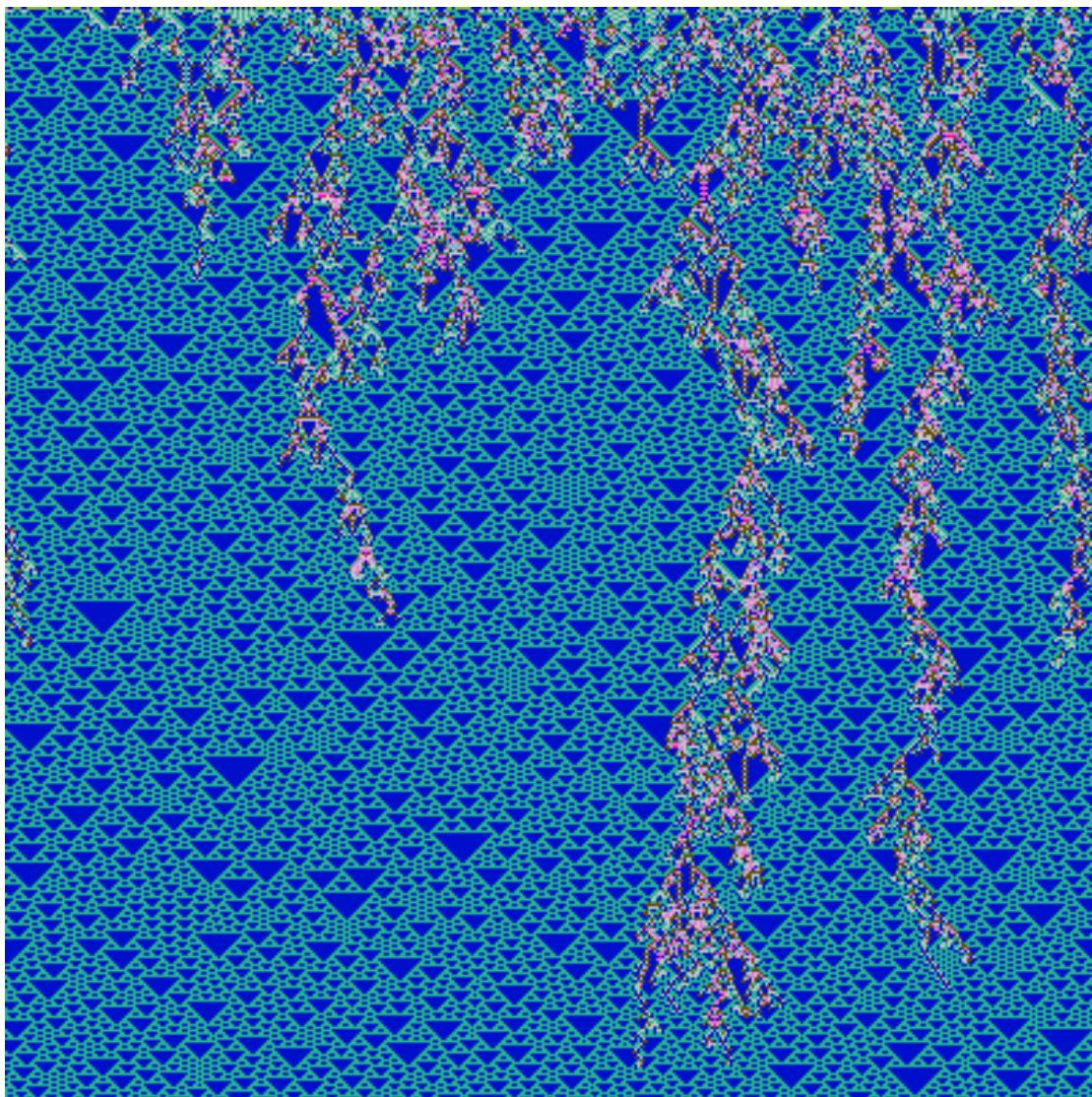


```
Out[4324]=
```

```
In[4376]:= Image[ArrayPlot[CellularAutomaton[{2709432596115461851140851654, {10, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



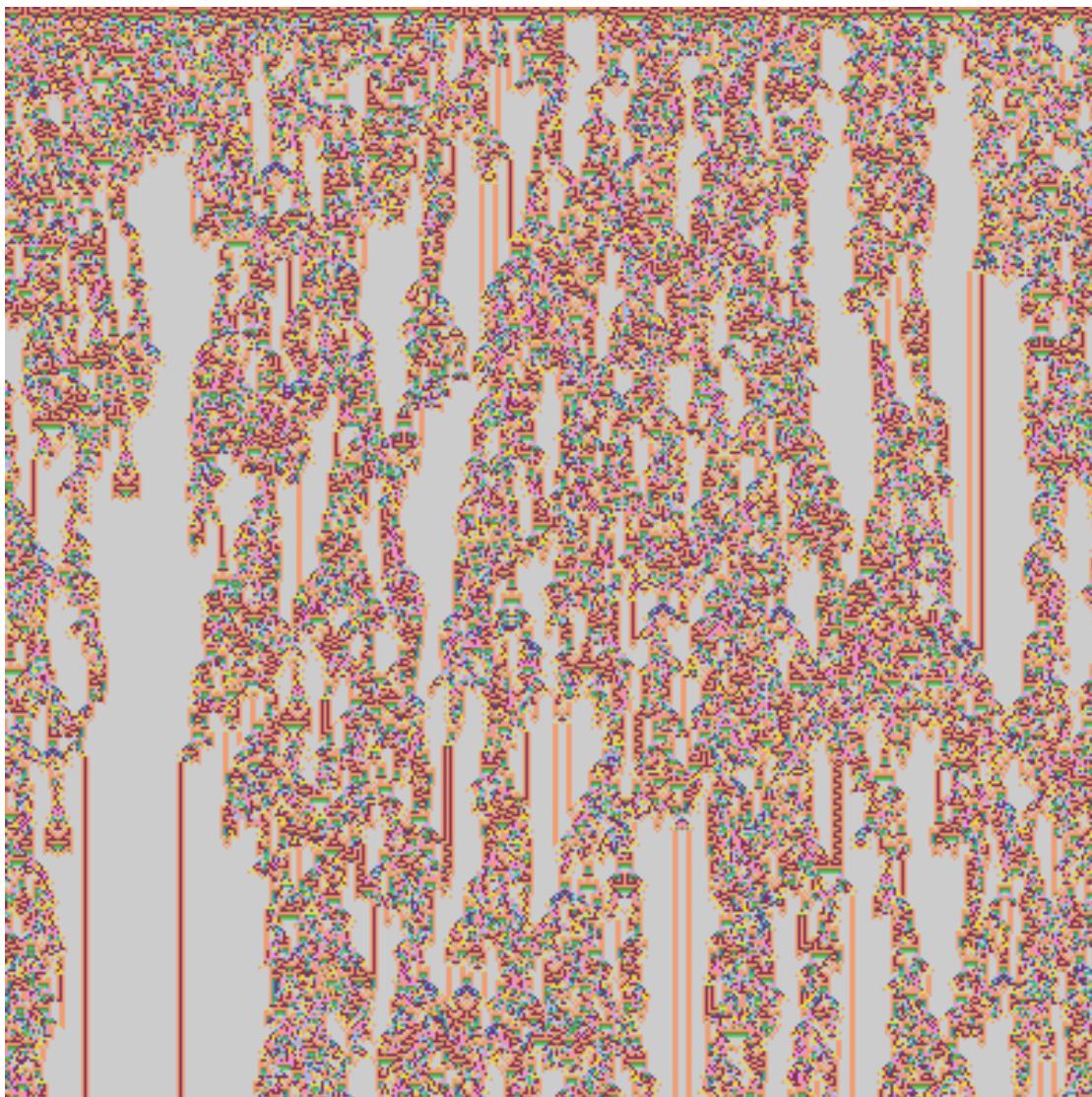
```
In[4405]:= Image[ArrayPlot[CellularAutomaton[{2410559128621742741231341231, {10, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



## 11-Colour Totalistic, Range 1

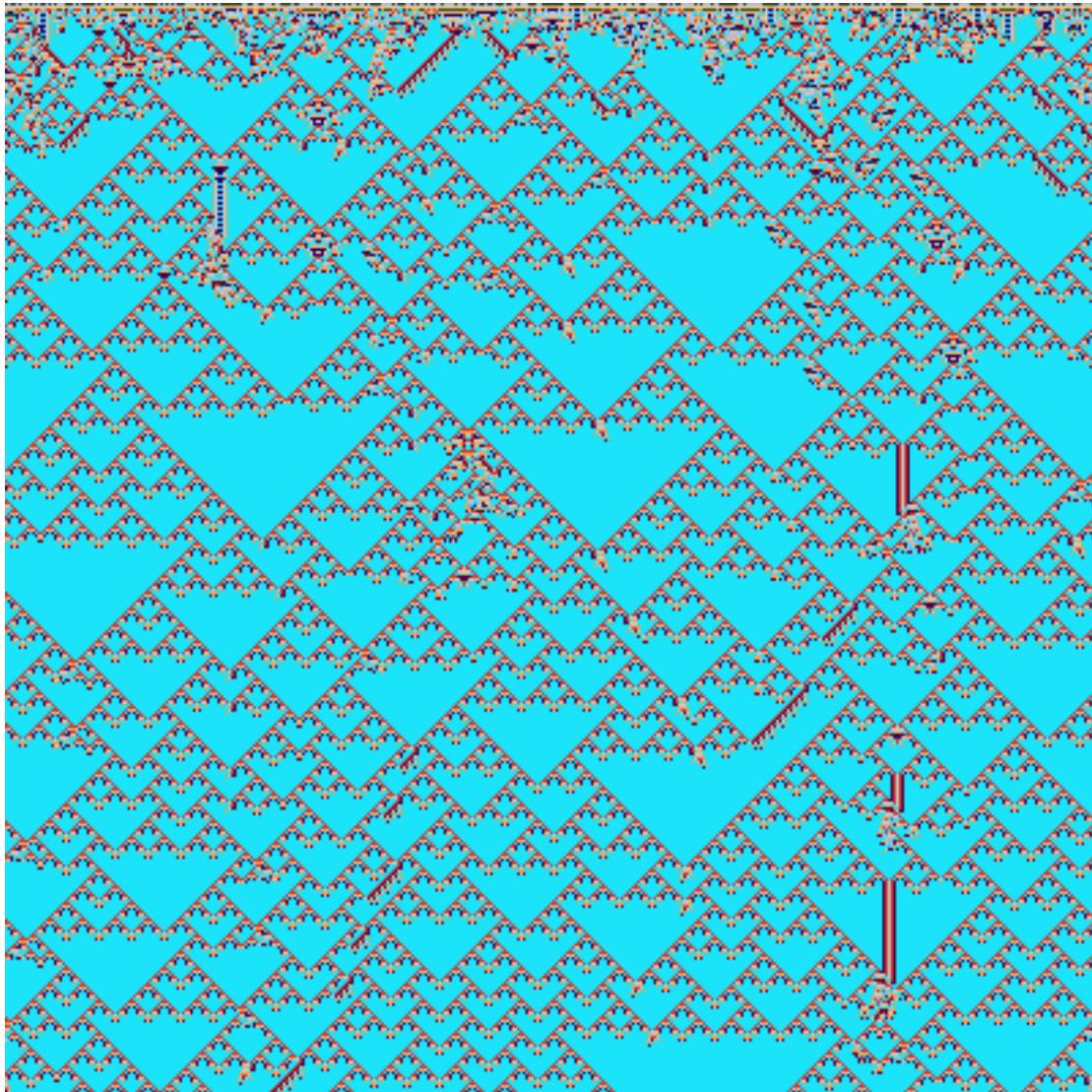
```
In[4950]:= Image[  
  ArrayPlot[CellularAutomaton[{21 664 817 782 833 503 770 922 600 144 706, {11, 1}, 1},  
   RandomInteger[1, 400], 400], ImageSize -> Large,  
   ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
   4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
   7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
   10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

Out[4950]=



In[4970]:= **Image**[

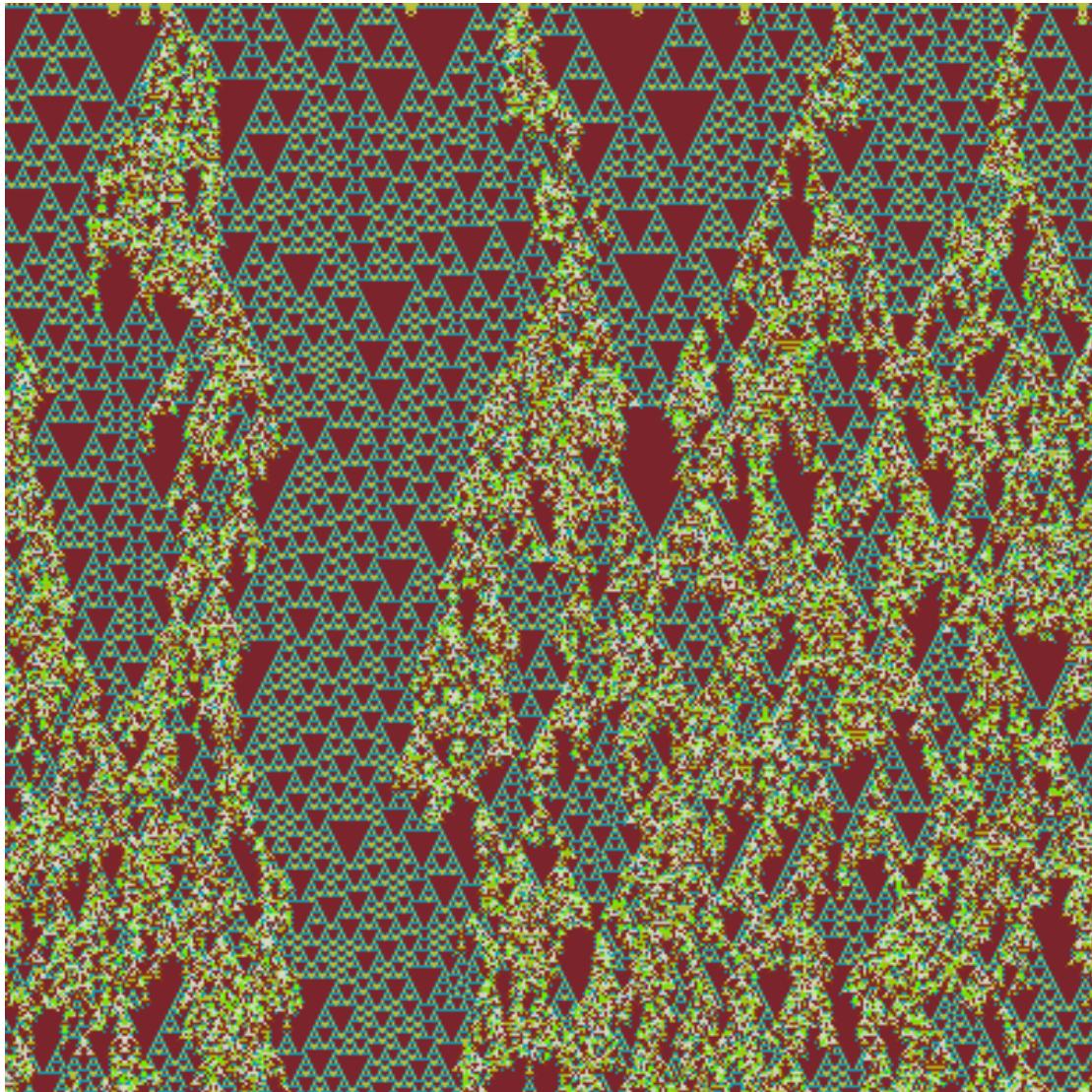
```
ArrayPlot[CellularAutomaton[{52 528 724 558 945 725 955 550 804 832 095, {11, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



Out[4970]=

In[4972]:= **Image**[

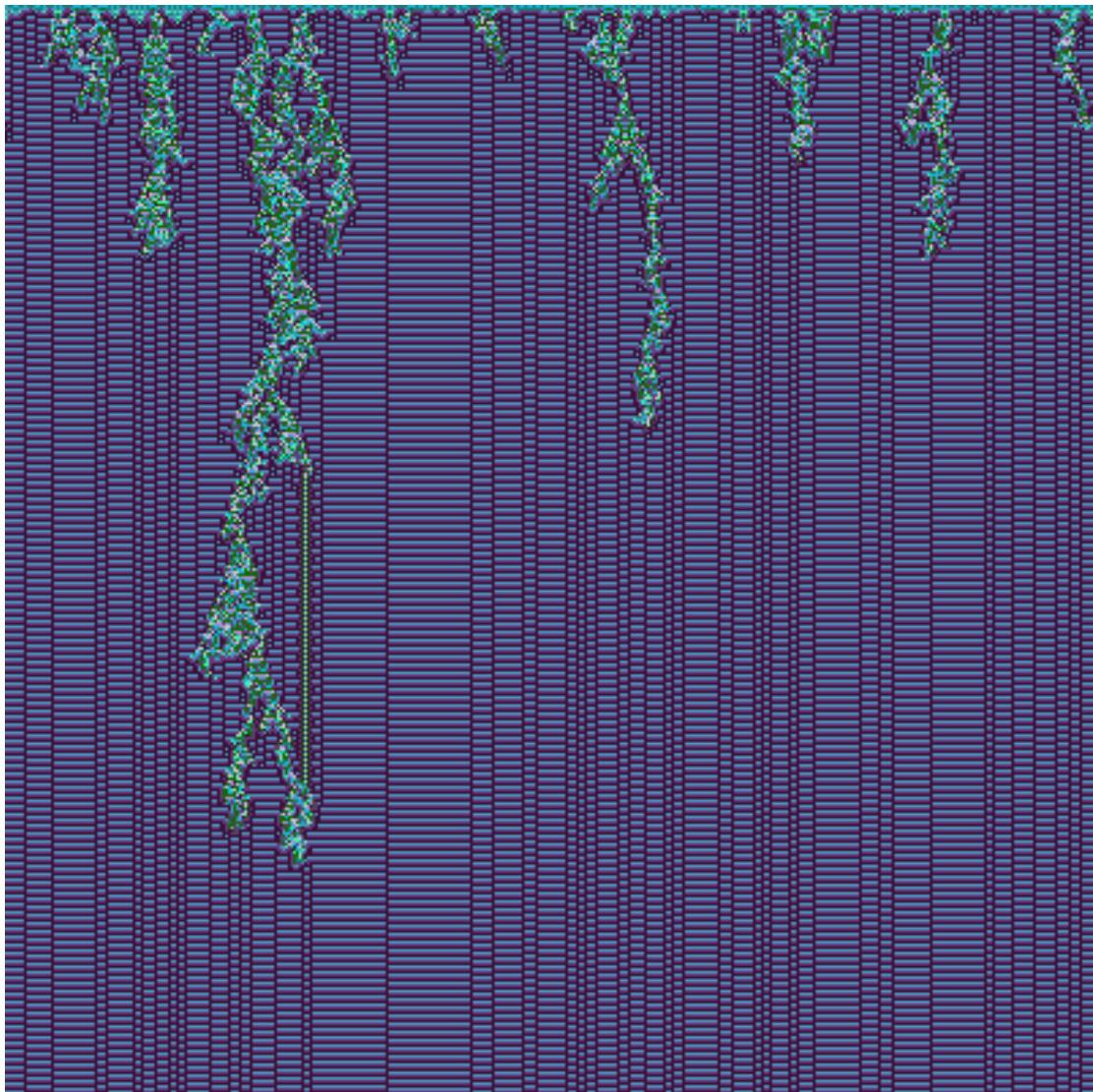
```
ArrayPlot[CellularAutomaton[{22 105 989 241 294 106 093 578 307 214 155, {11, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



Out[4972]=

In[4991]:= **Image**[

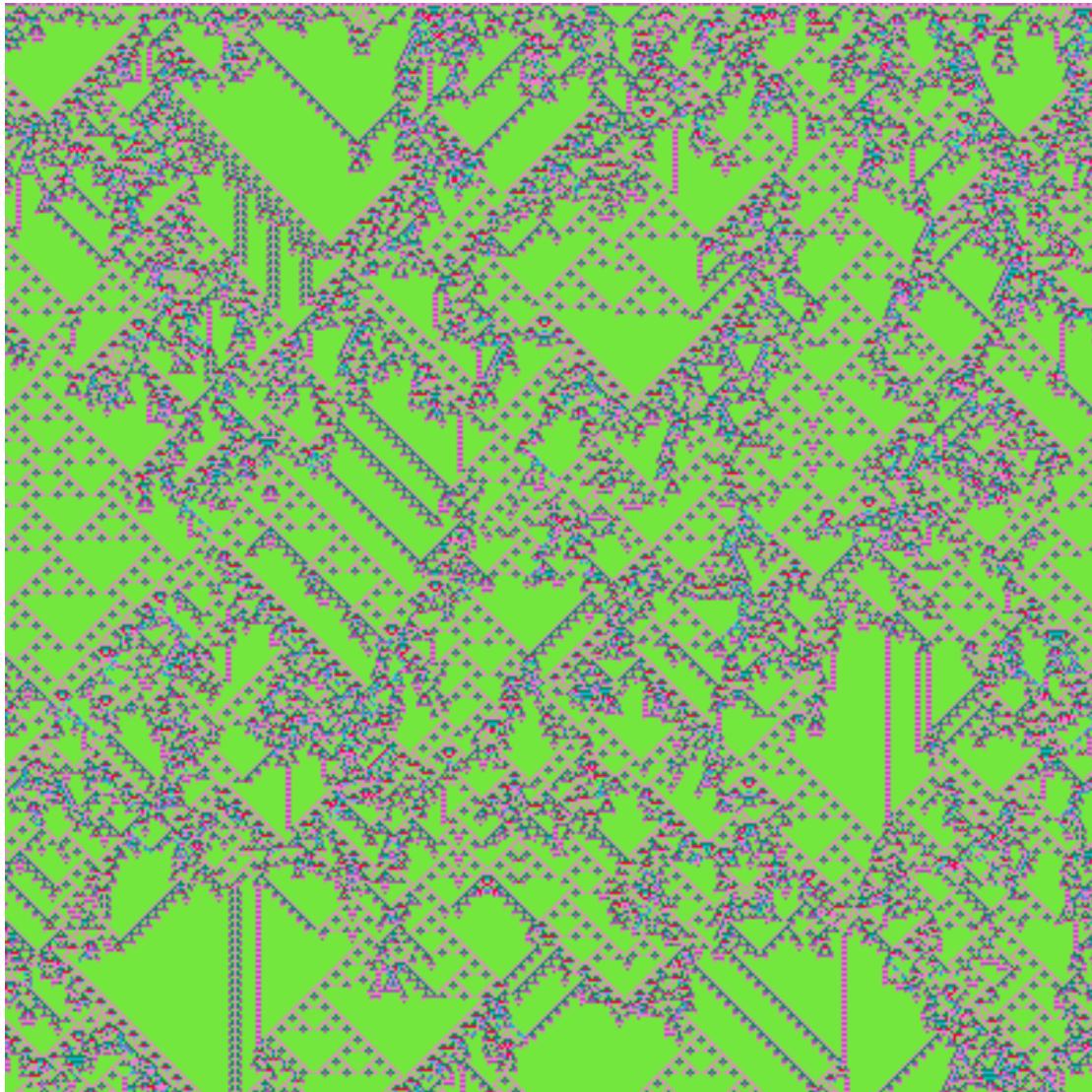
```
ArrayPlot[CellularAutomaton[{157 043 307 757 949 028 693 326 062 609 176, {11, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



Out[4991]=

In[4994]:= **Image**[

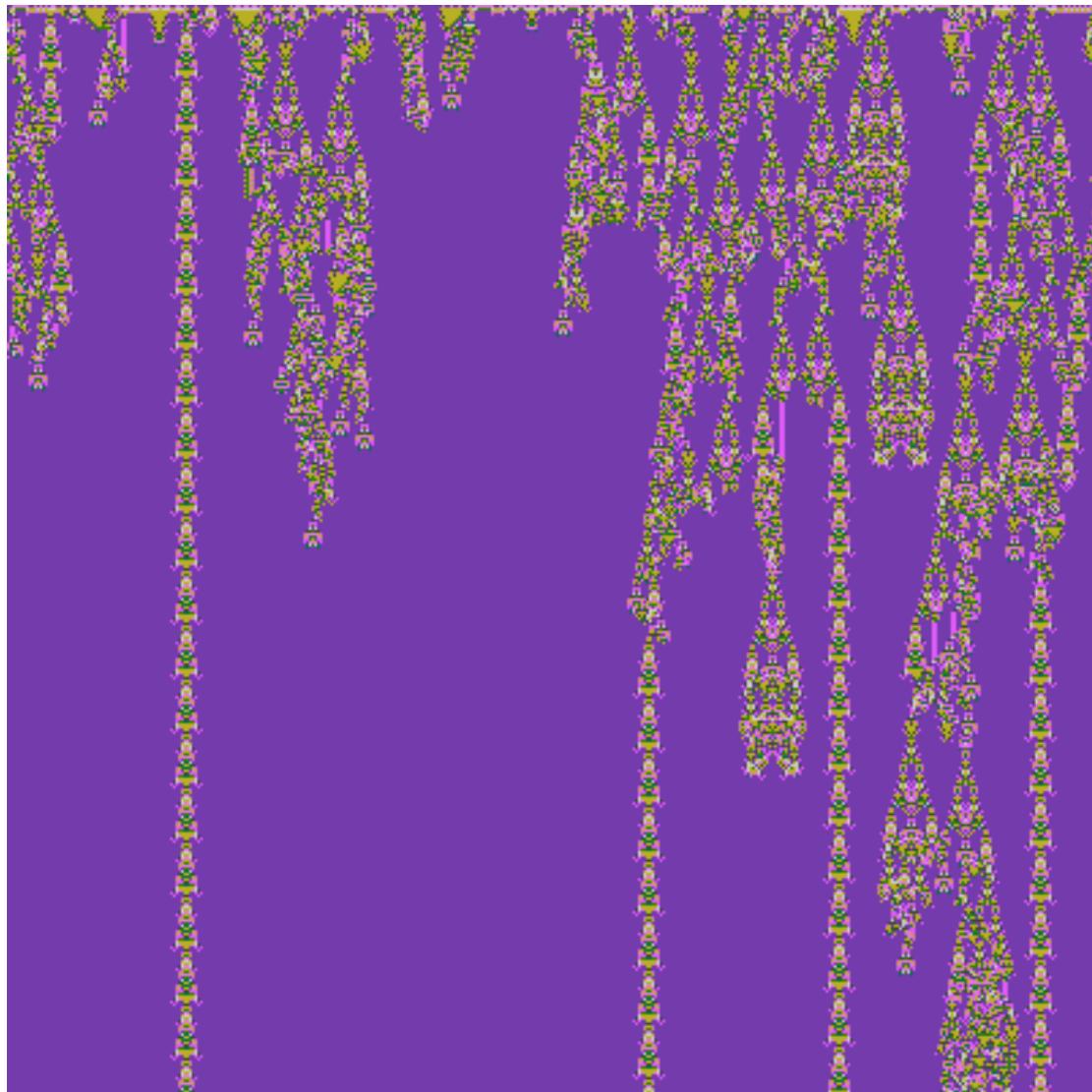
```
ArrayPlot[CellularAutomaton[{7 557 999 425 489 548 052 887 543 675 428, {11, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



Out[4994]=

In[4949]:= **Image**[

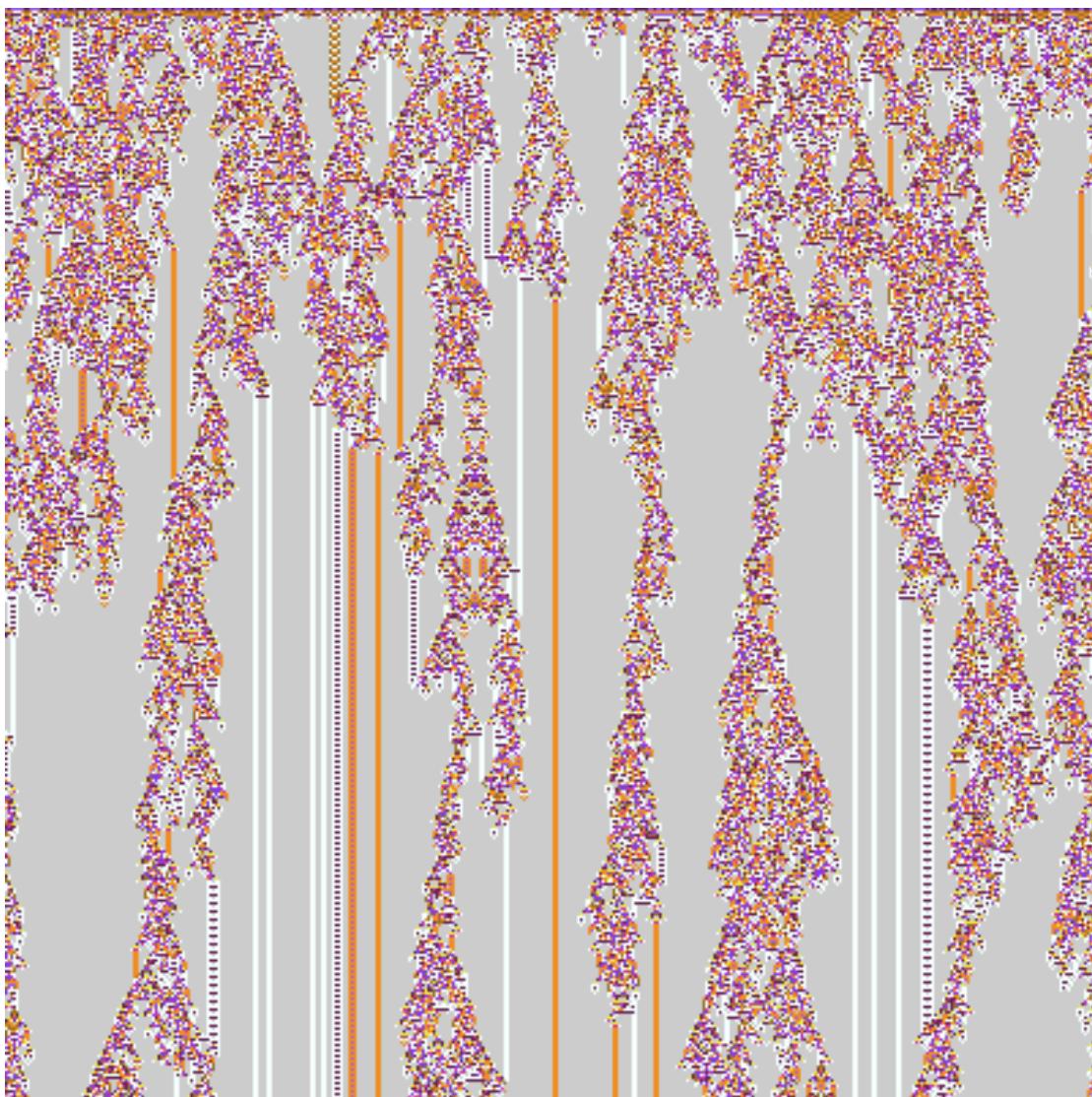
```
ArrayPlot[CellularAutomaton[{190 954 694 532 760 121 939 181 851 315 543, {11, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



Out[4949]=

In[4944]:= **Image**[

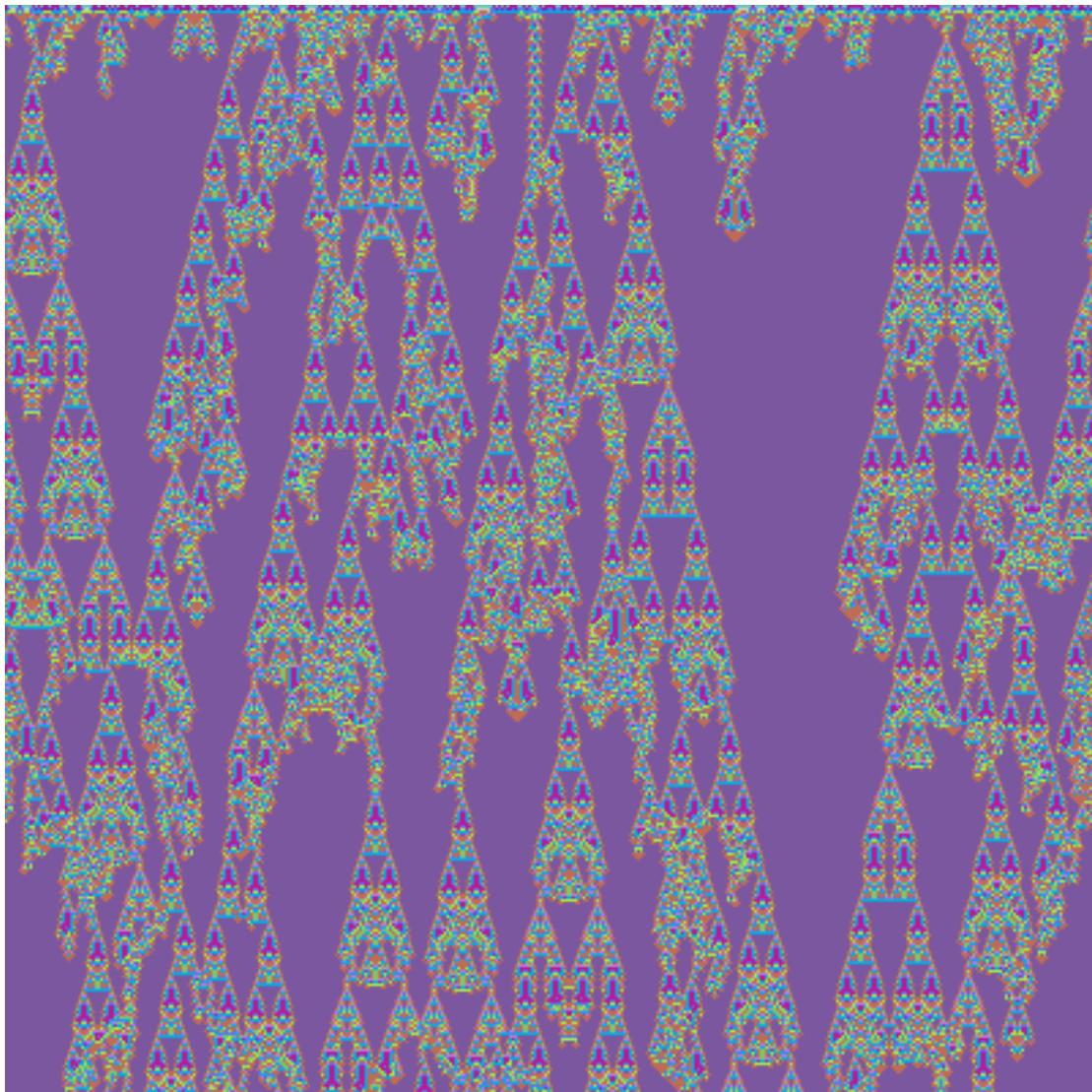
```
ArrayPlot[CellularAutomaton[{33 992 797 467 315 061 654 309 203 712 244, {11, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



Out[4944]=

In[4930]:= **Image**[

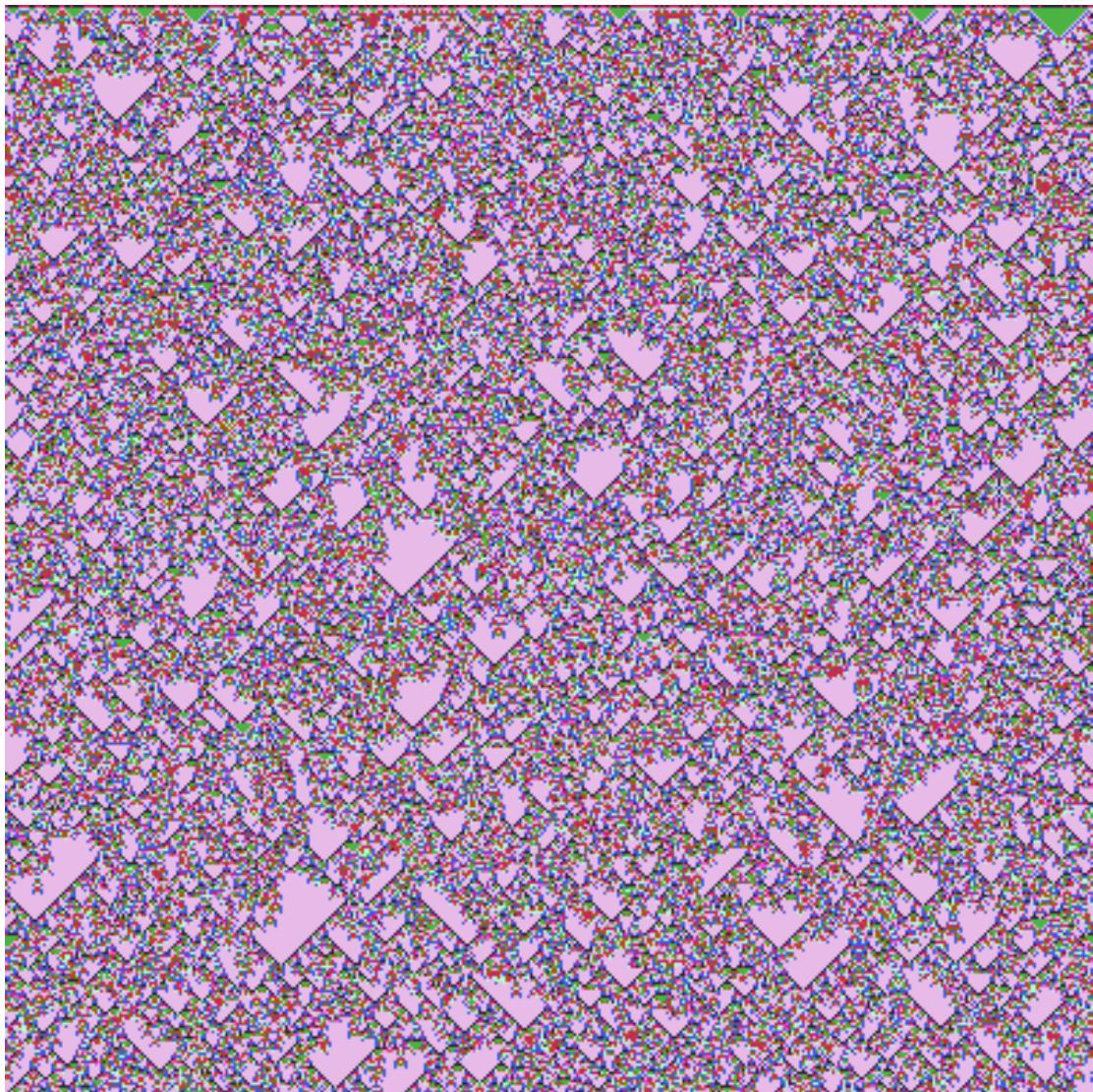
```
ArrayPlot[CellularAutomaton[{187 178 209 656 079 213 070 842 243 962 703, {11, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



Out[4930]=

In[3034]:= **Image**[

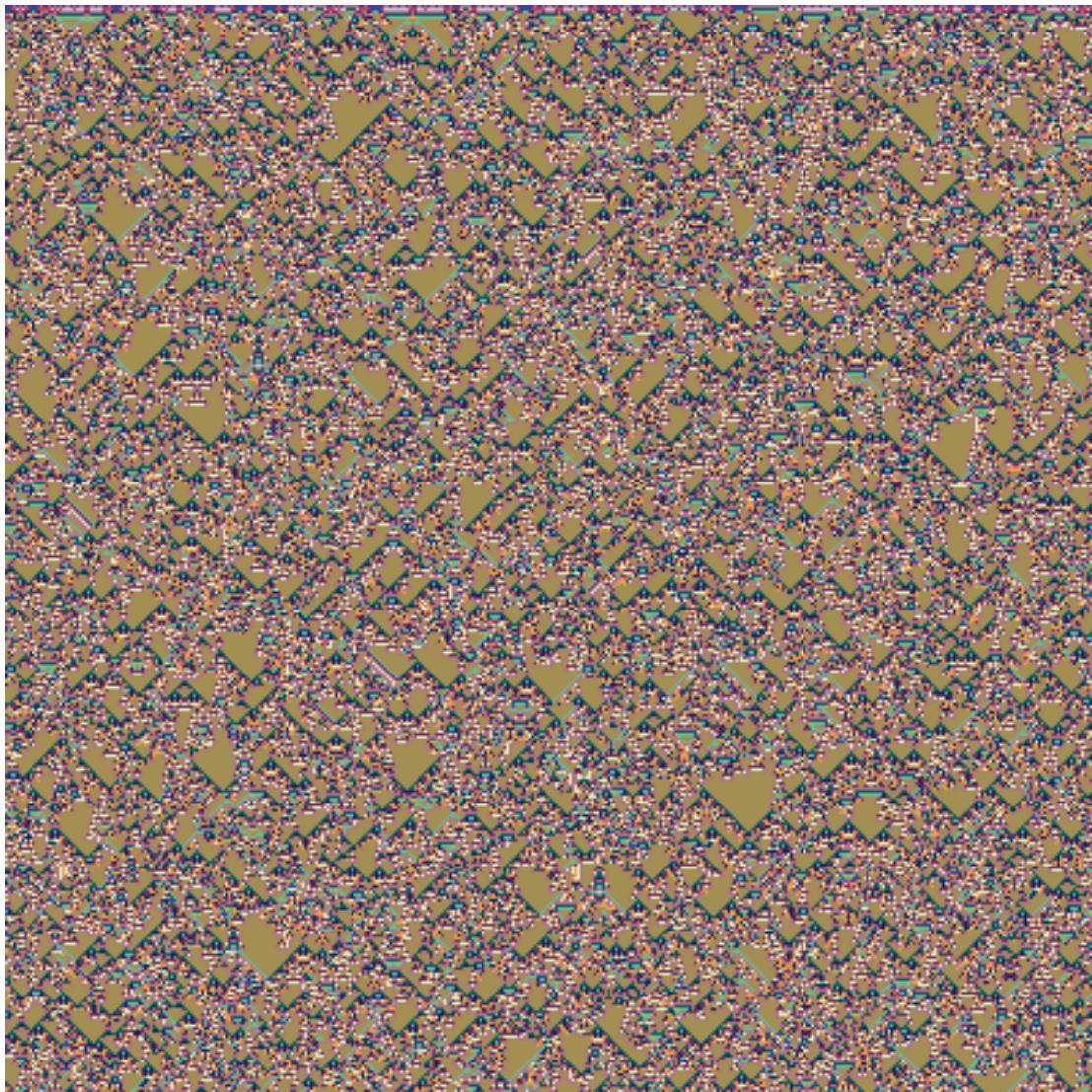
```
ArrayPlot[CellularAutomaton[{69 618 595 000 243 088 520 204 183 973 564, {11, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



Out[3034]=

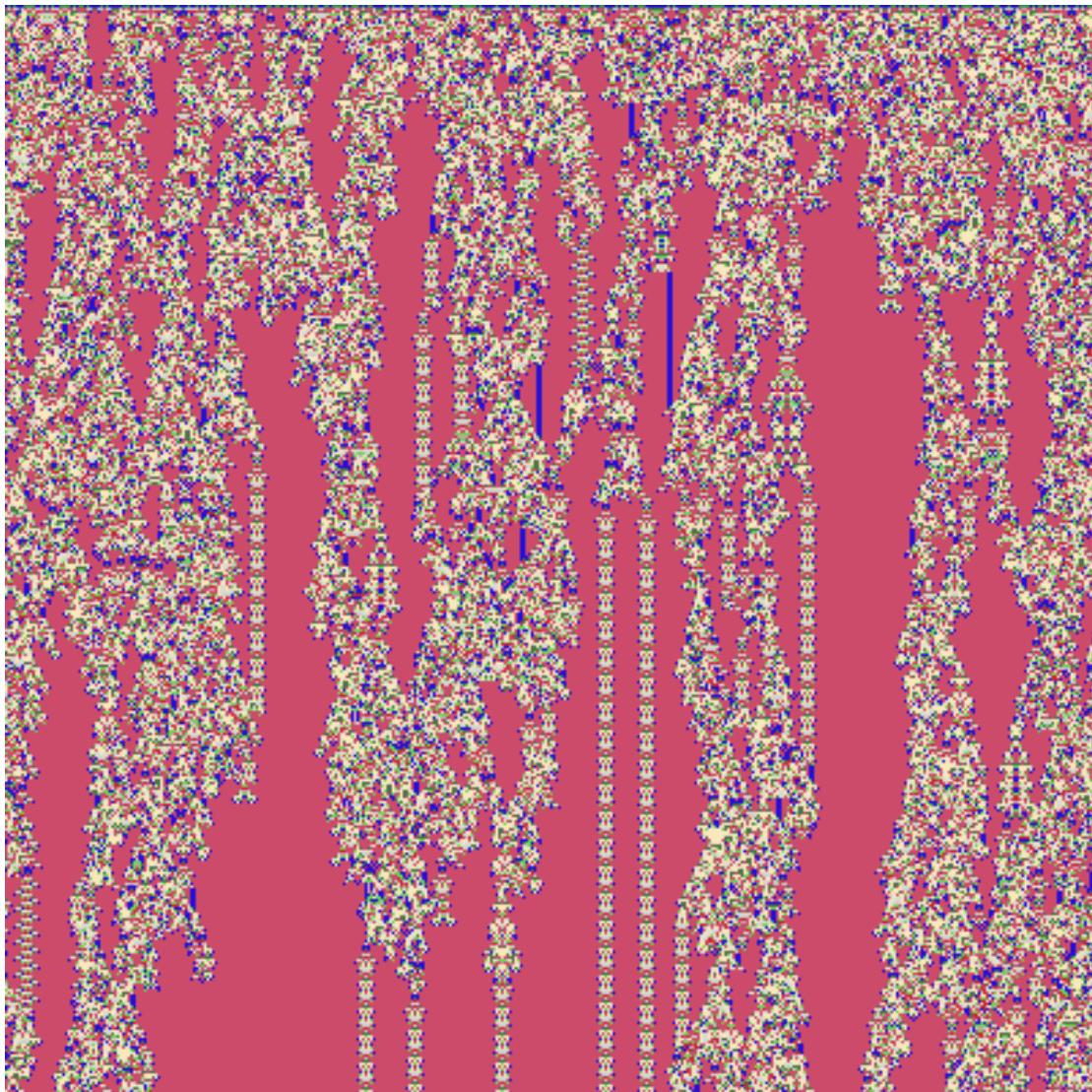
In[3039]:= **Image**[

```
ArrayPlot[CellularAutomaton[{128 497 224 185 961 679 762 644 510 882 013, {11, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



Out[3039]=

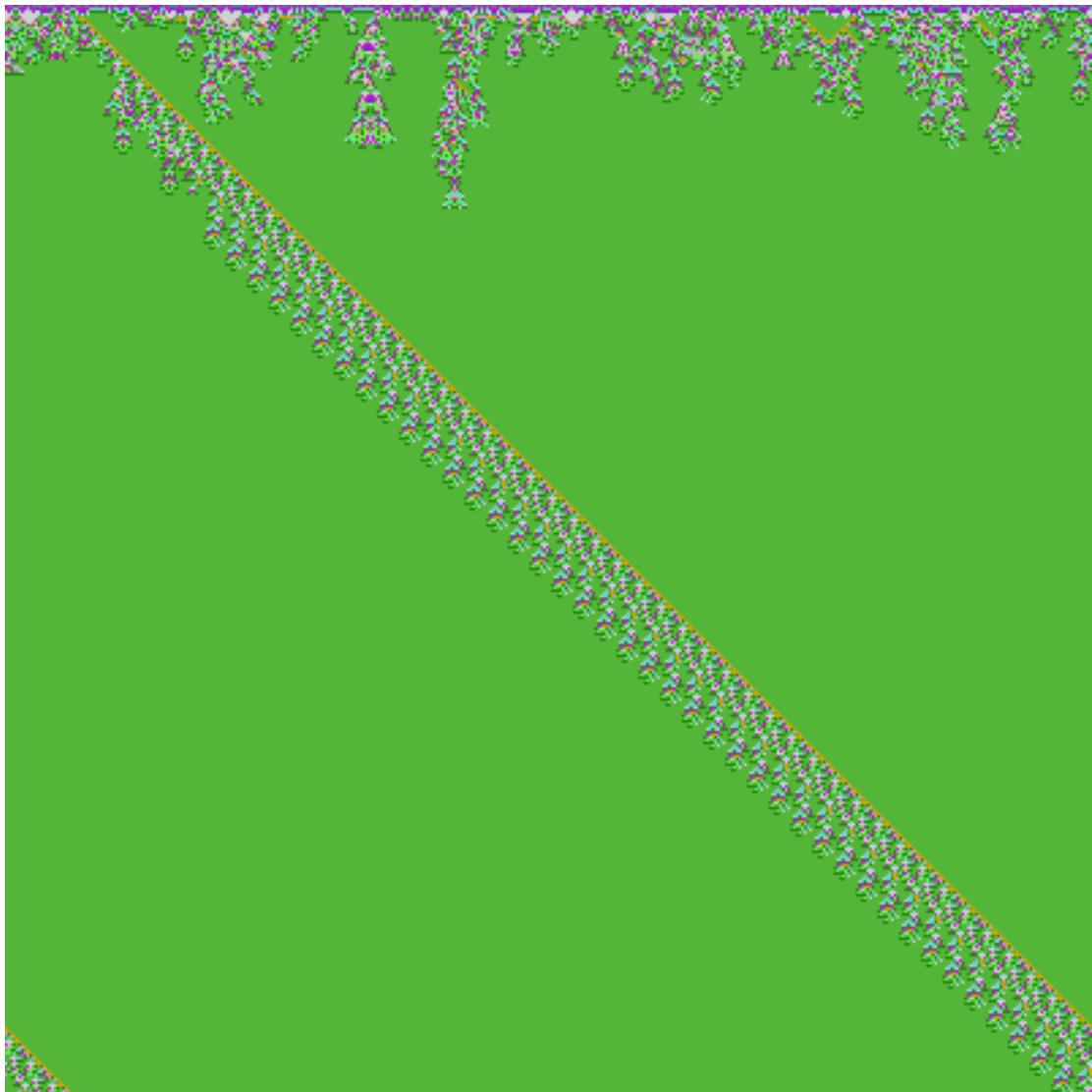
```
In[3040]:= Image[  
  ArrayPlot[CellularAutomaton[{9 422 428 048 625 511 295 094 670 912 285, {11, 1}, 1},  
   RandomInteger[1, 400], 400], ImageSize -> Large,  
   ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
    4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
    7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
    10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



```
Out[3040]=
```

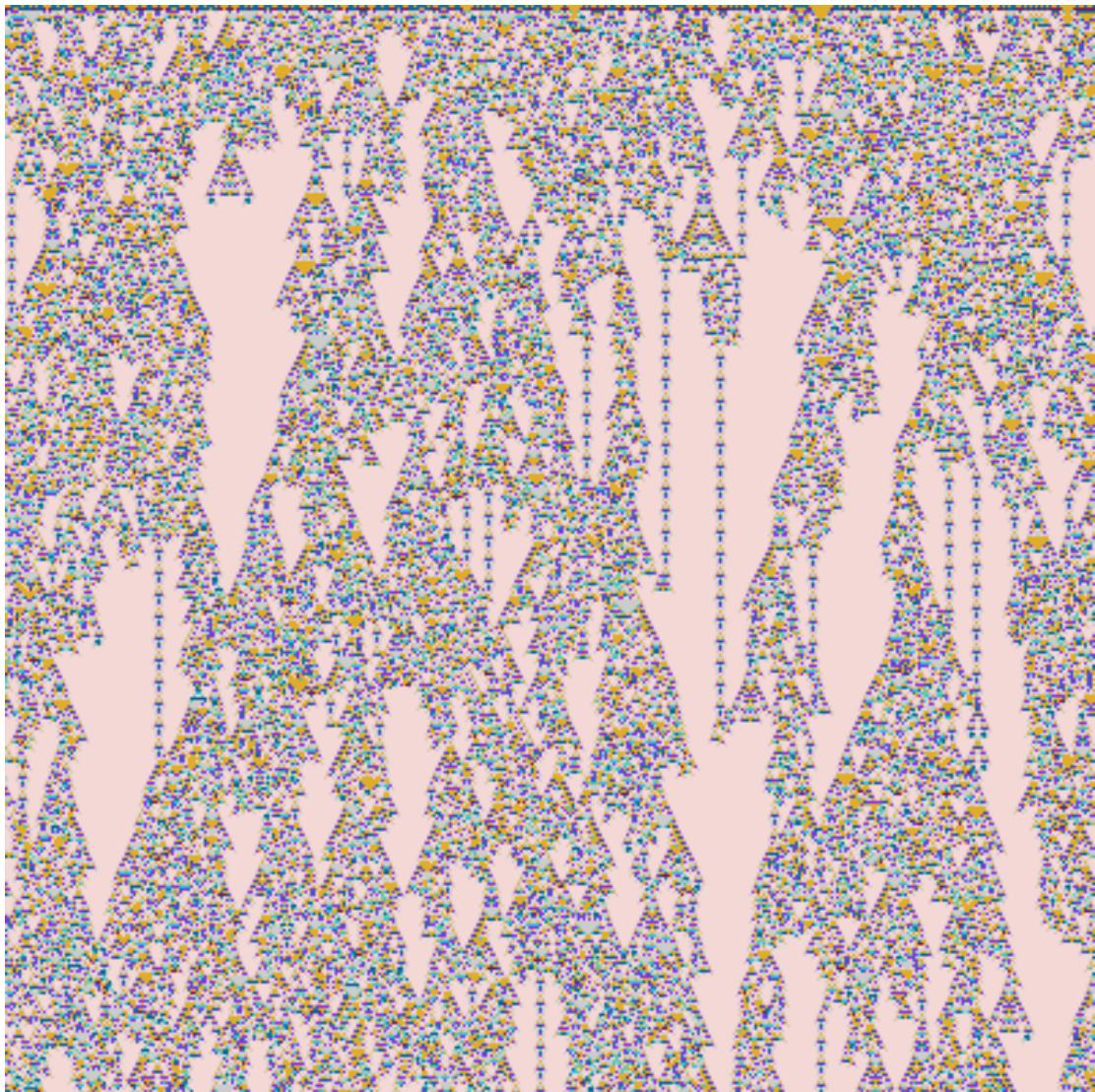
## 12-Colour Totalistic, Range 1

```
In[5003]:= Image[ArrayPlot[  
  CellularAutomaton[{4 622 376 889 429 451 013 604 146 420 362 117 295, {12, 1}, 1},  
   RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
   4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
   7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
   10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



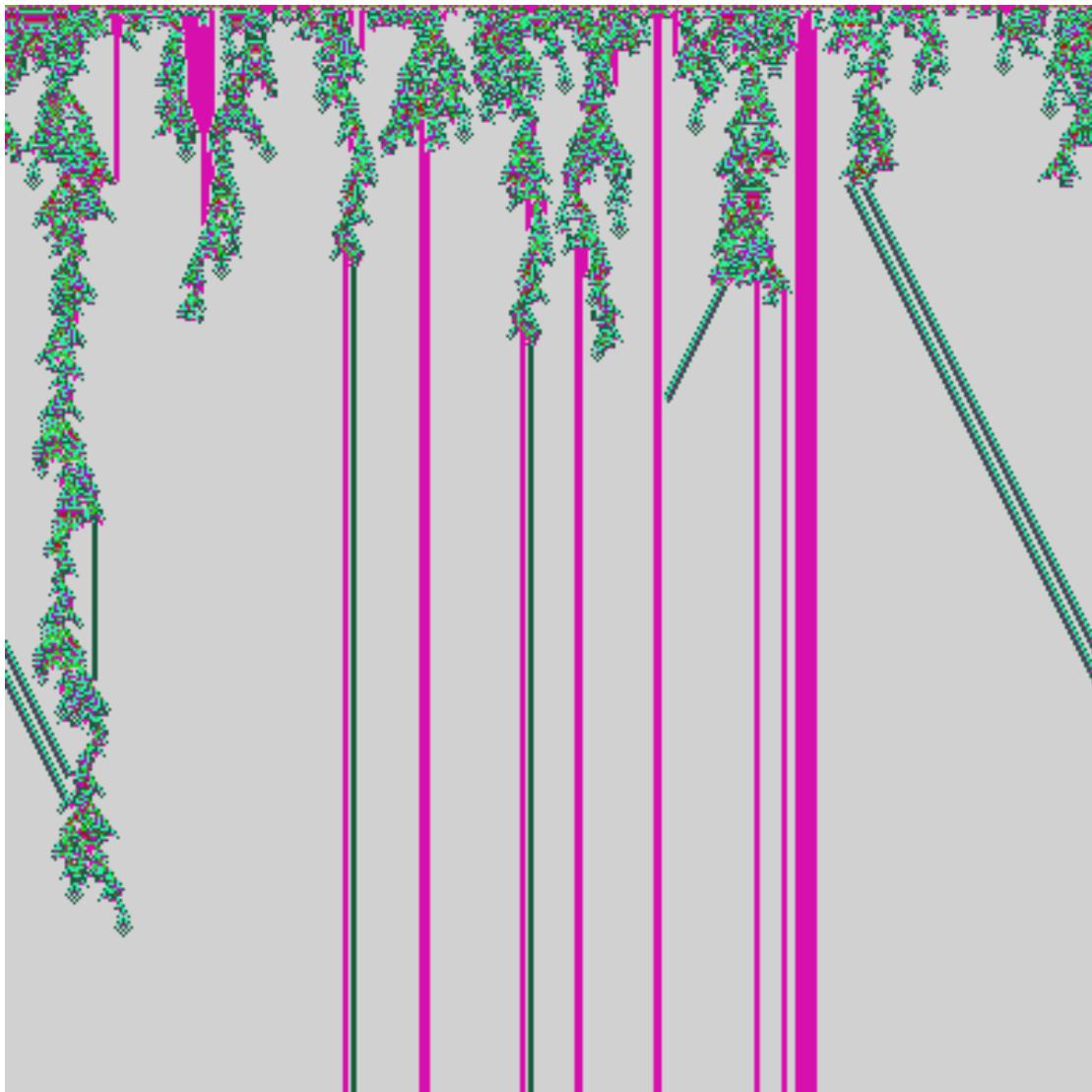
Out[5003]=

```
In[5006]:= Image[ArrayPlot[  
  CellularAutomaton[{2 037 340 001 818 398 999 341 170 953 886 490 112, {12, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

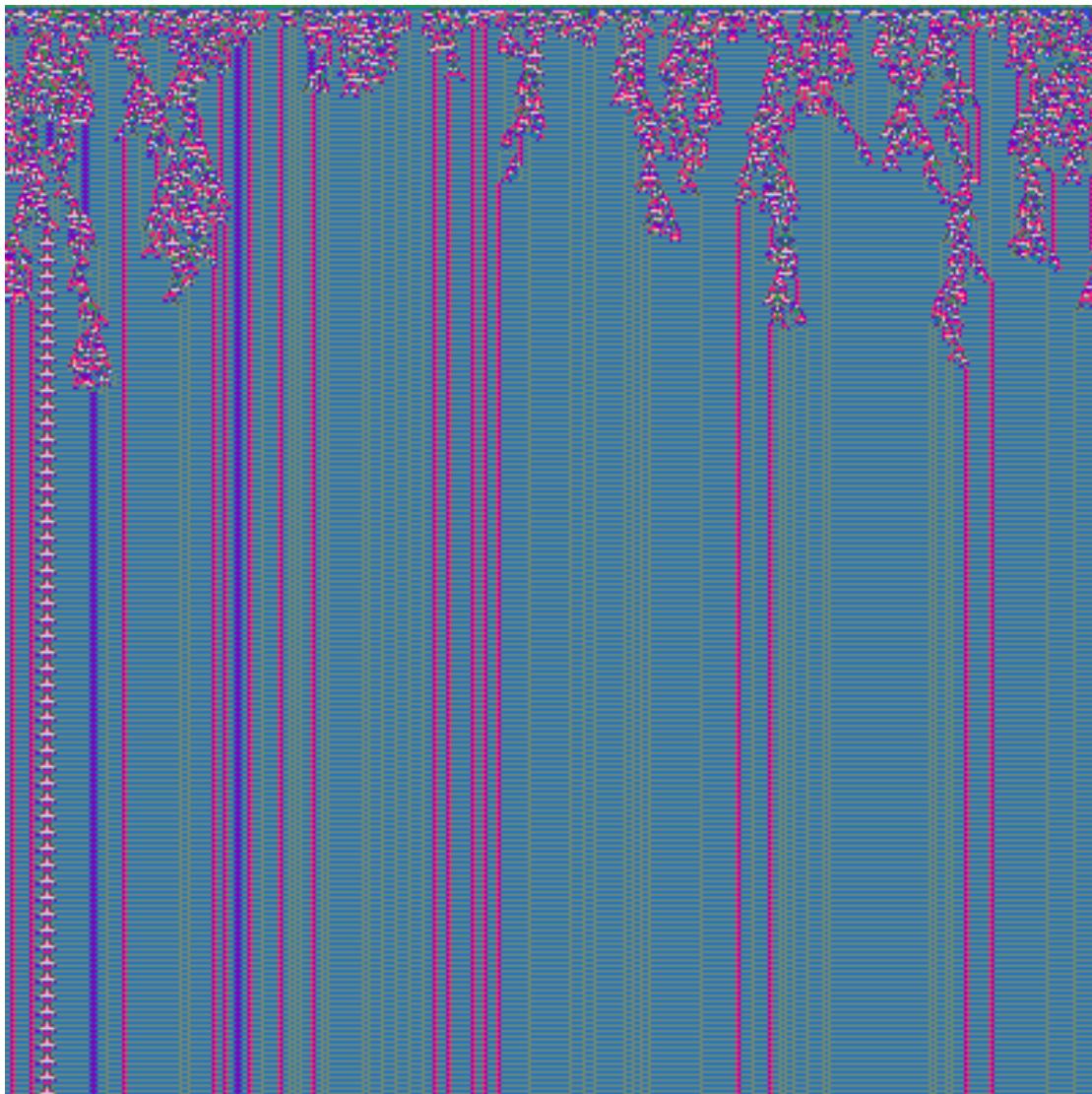


```
Out[5006]=
```

```
In[5022]:= Image[ArrayPlot[  
  CellularAutomaton[{4 427 749 714 450 918 972 437 772 285 069 988 671, {12, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



```
In[5031]:= Image[ArrayPlot[  
  CellularAutomaton[{4 514 973 960 436 332 112 398 025 692 646 137 604, {12, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



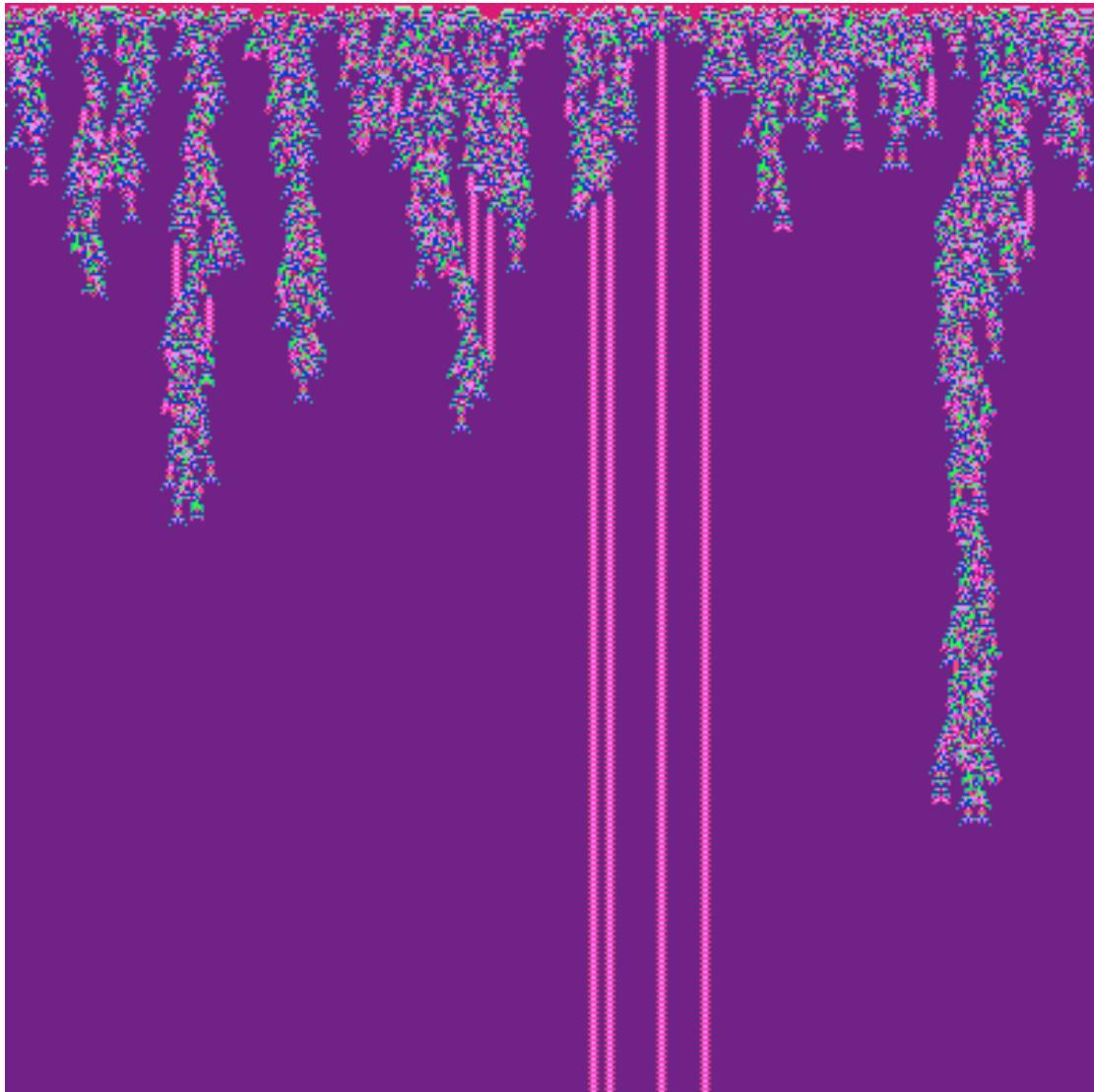
```
Out[5031]=
```

```
In[5032]:= Image[ArrayPlot[  
  CellularAutomaton[{2 328 992 361 328 859 753 475 183 766 688 141 981, {12, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



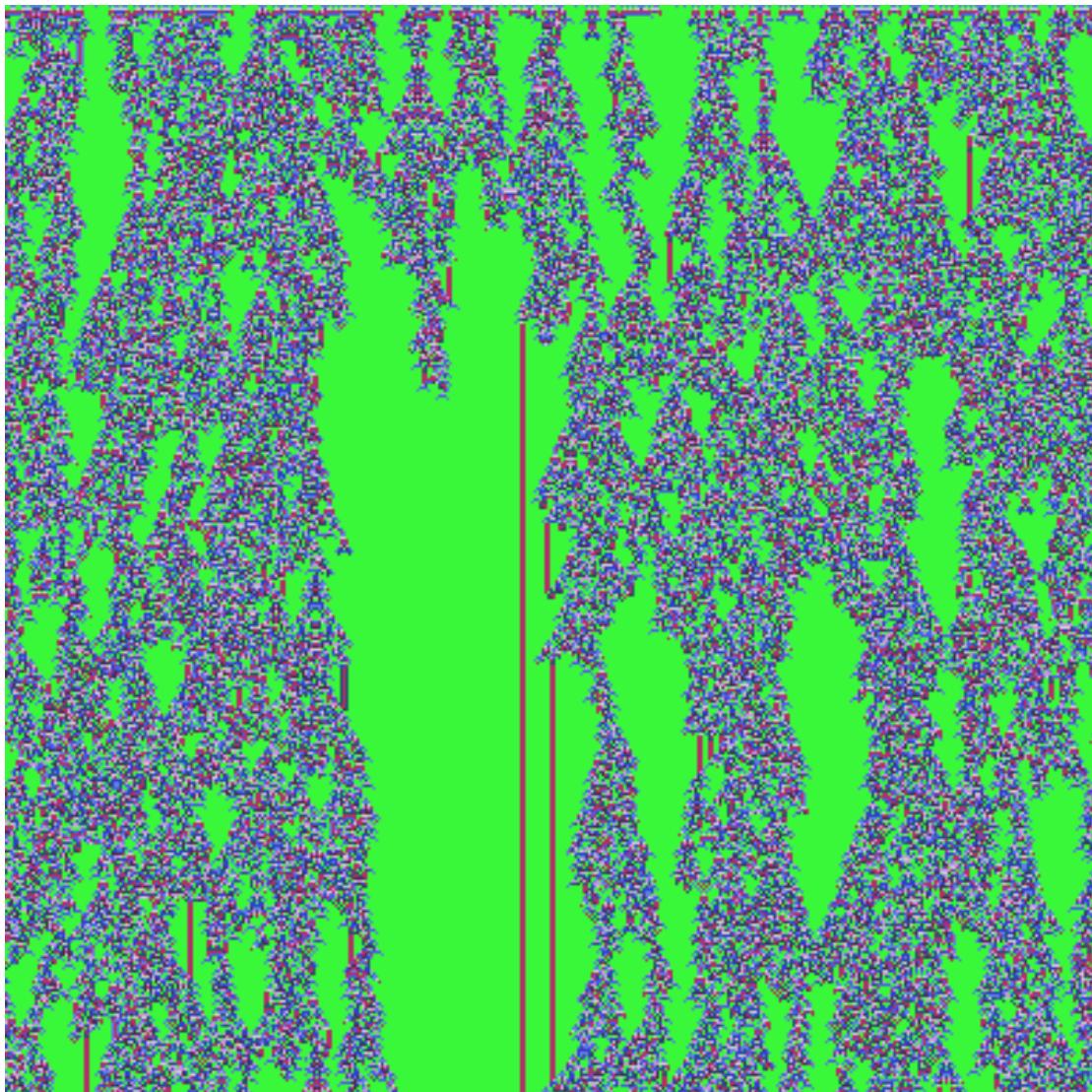
Out[5032]=

```
In[5040]:= Image[ArrayPlot[  
  CellularAutomaton[{2 0 1 1 4 0 3 7 9 8 9 2 5 2 3 4 6 3 3 4 4 9 7 8 7 3 9 1 1 4 7 5 8 2 8 7 1, {12, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



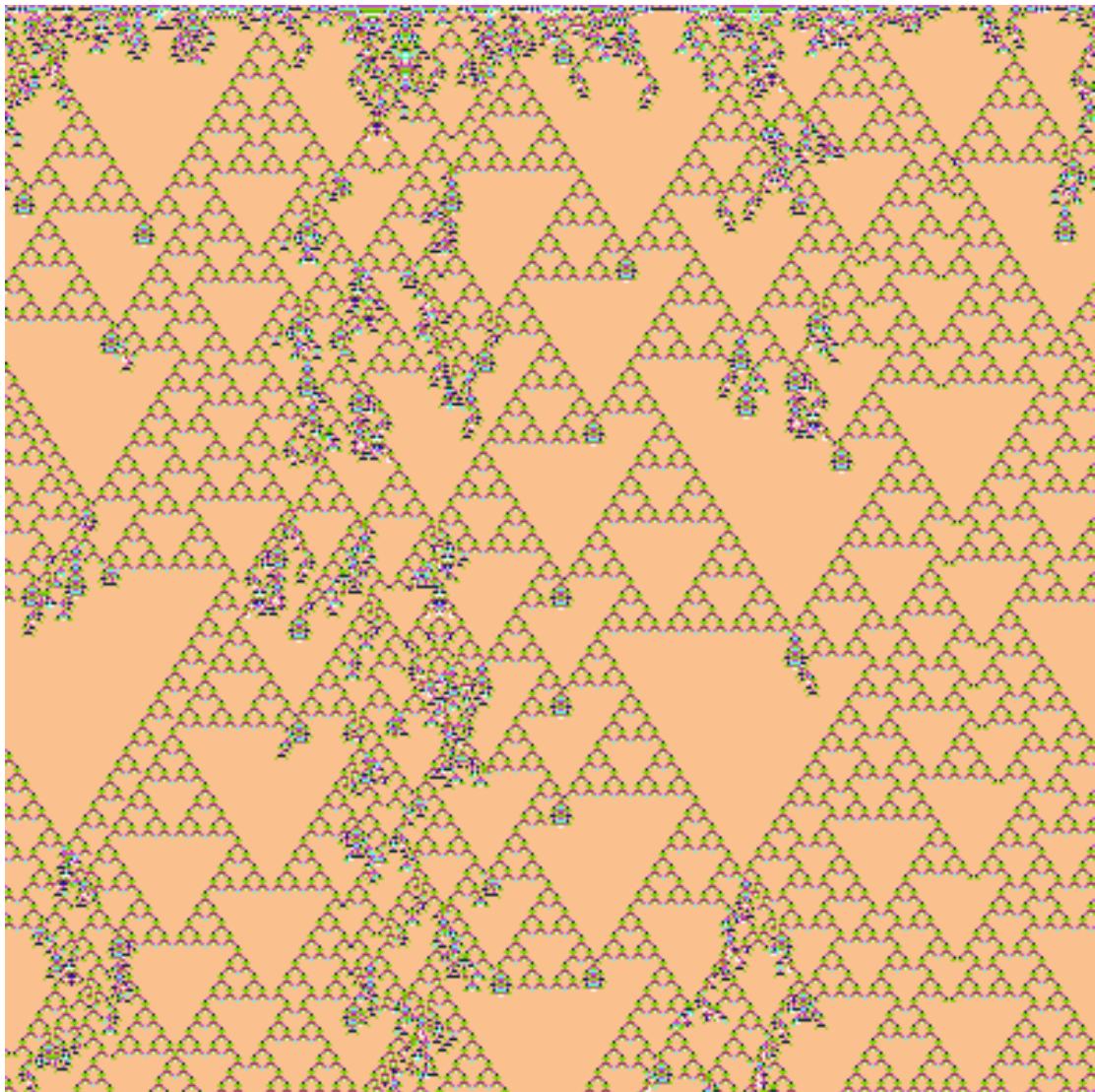
```
Out[5040]=
```

```
In[5069]:= Image[ArrayPlot[  
  CellularAutomaton[{2 919 156 978 876 928 856 904 590 022 411 850 355, {12, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

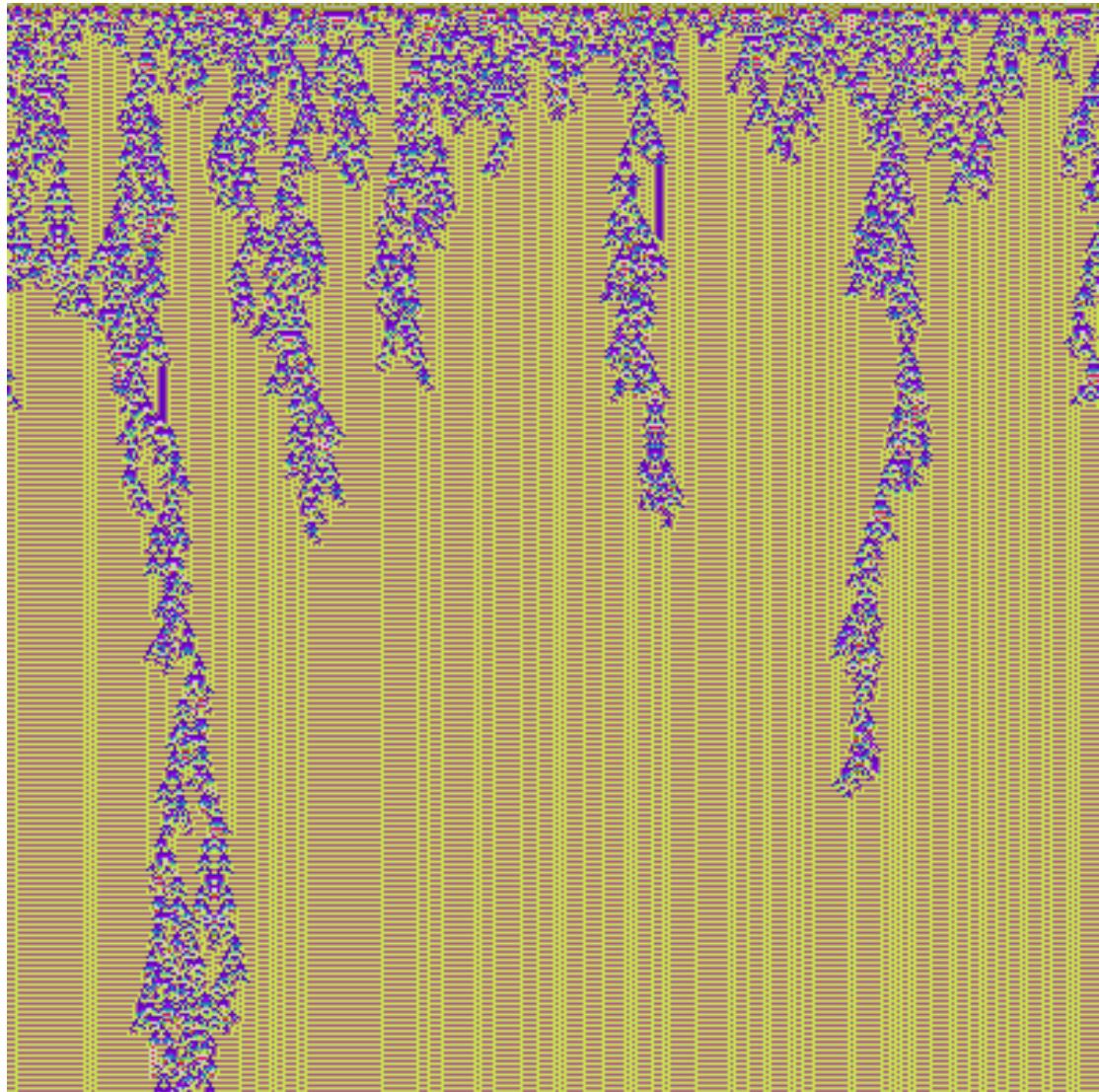


```
In[5071]:= Image[ArrayPlot[  
  CellularAutomaton[{1993525211138824764322115347352665908, {12, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]], Frame -> False]]
```

Out[5071]=

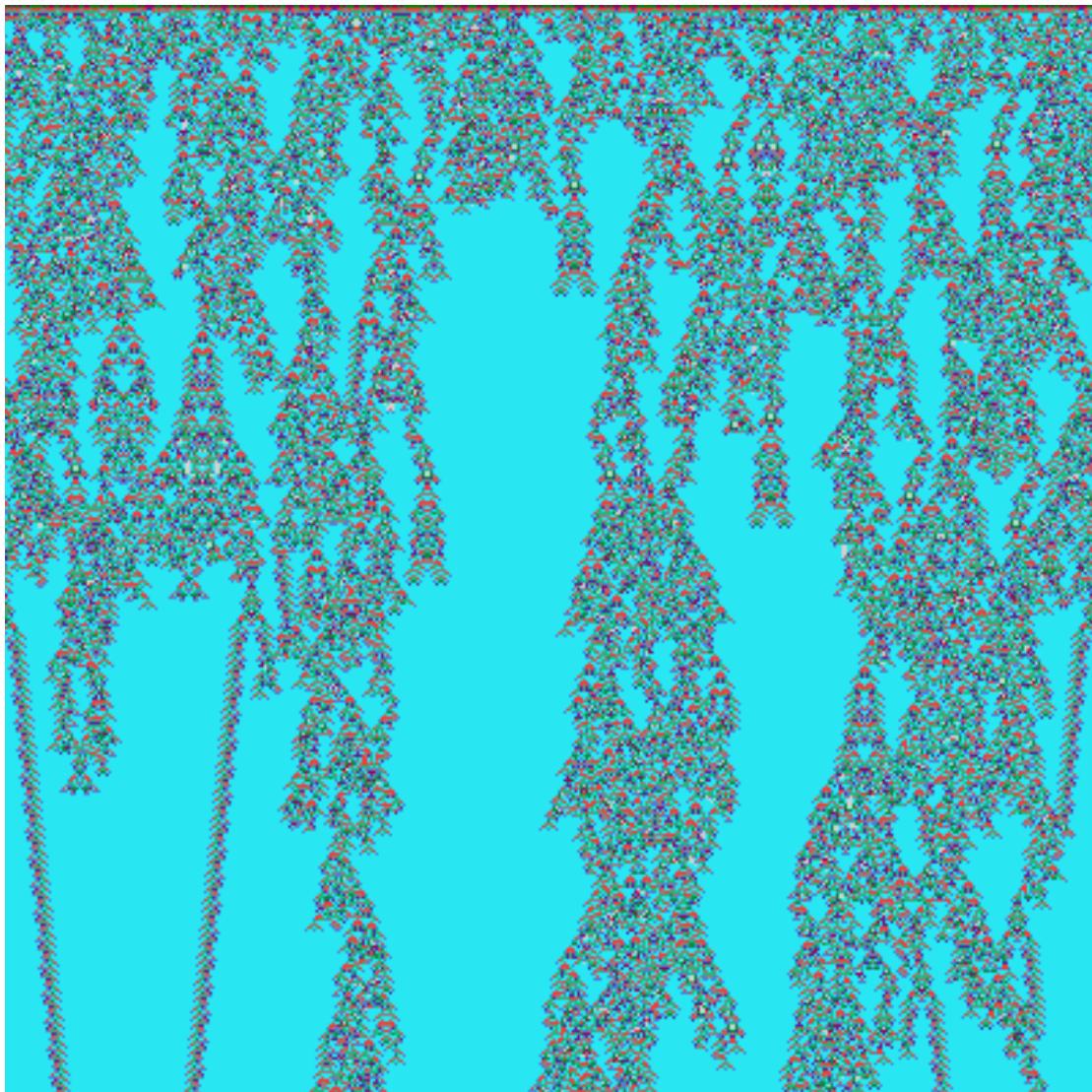


```
In[5073]:= Image[ArrayPlot[  
  CellularAutomaton[{188 007 337 183 950 204 337 992 791 334 176 077, {12, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

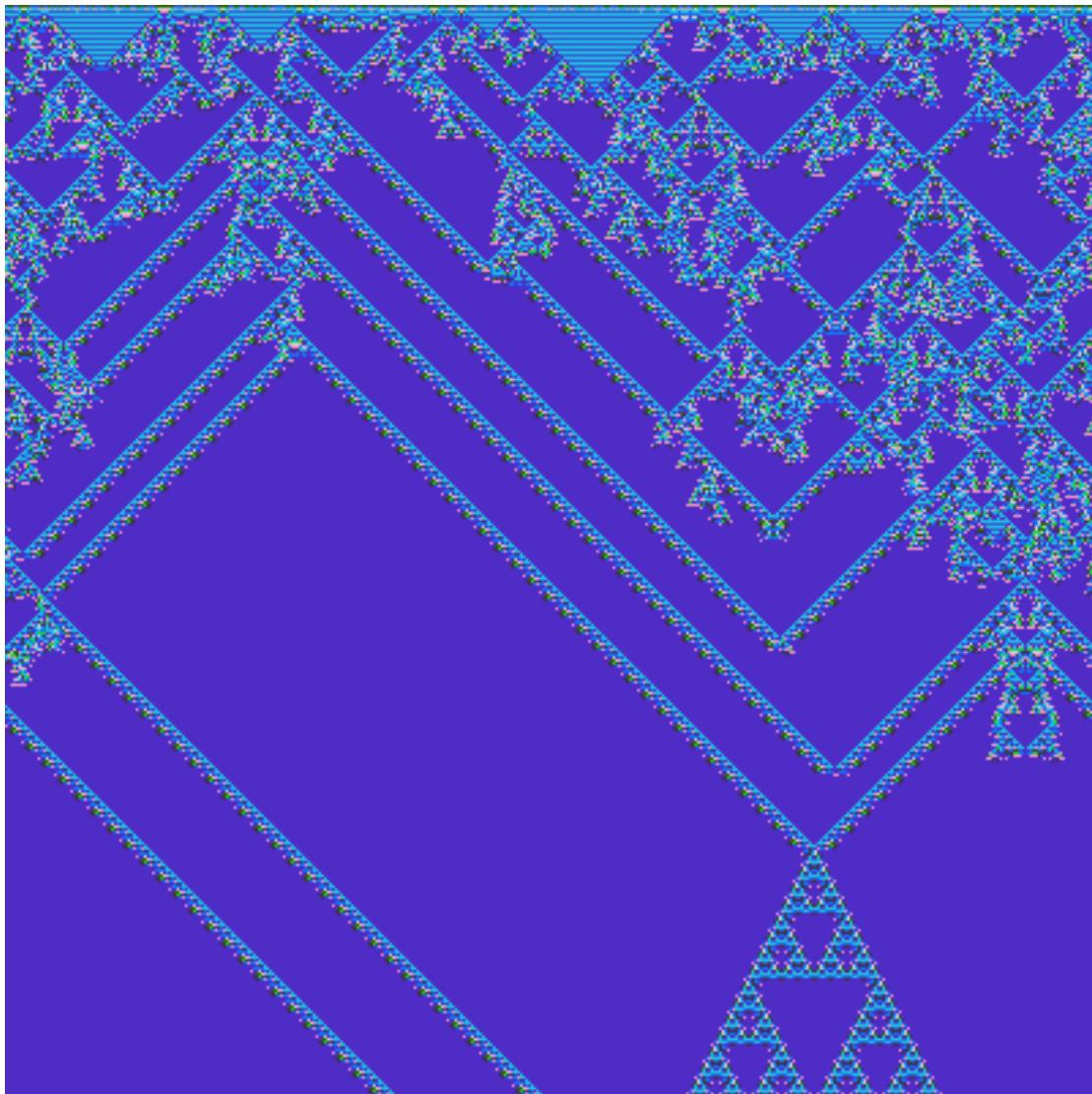


```
In[5079]:= Image[ArrayPlot[  
  CellularAutomaton[{2 389 525 100 834 008 359 571 919 696 521 179 321, {12, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

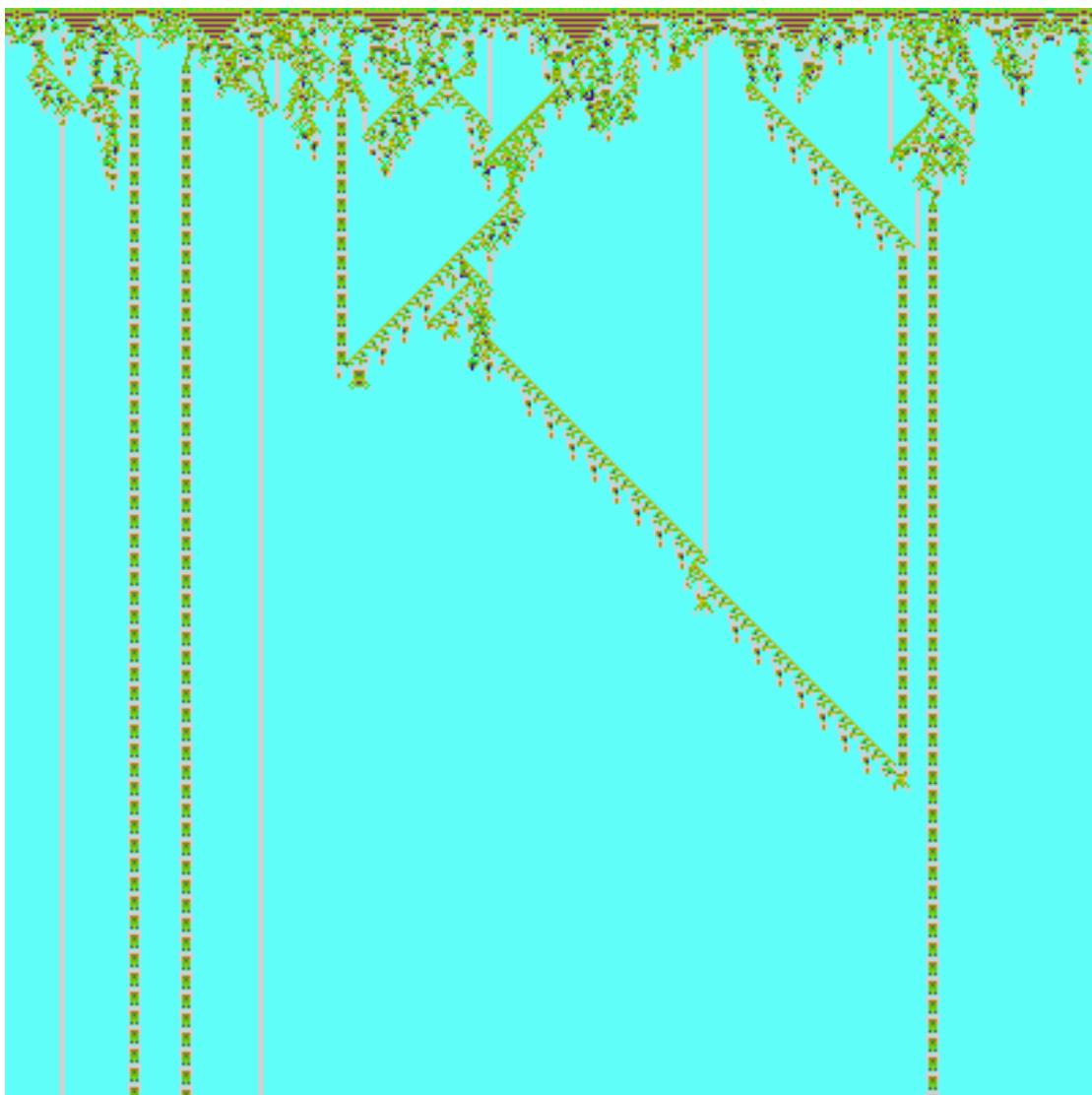
Out[5079]=



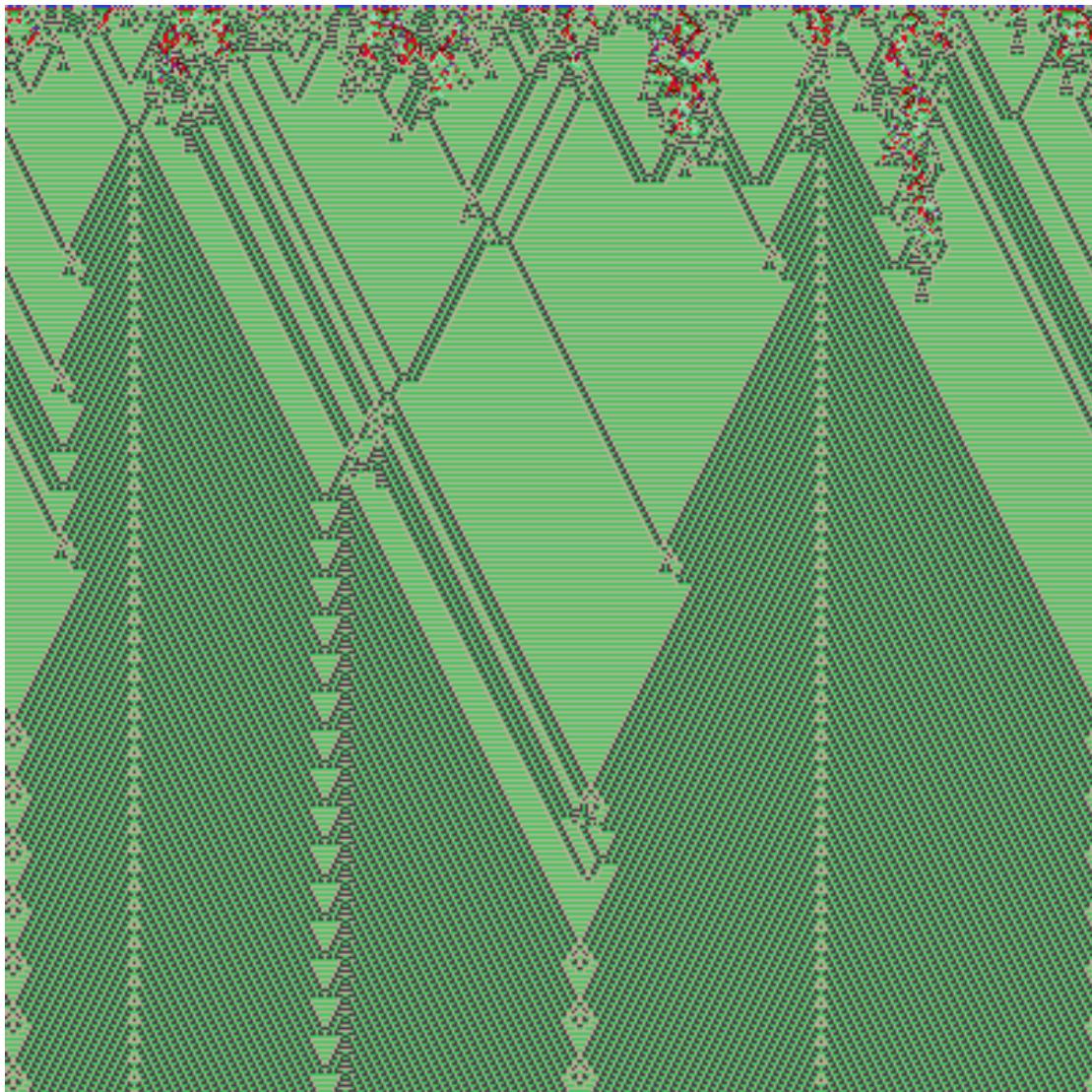
```
In[5083]:= Image[ArrayPlot[  
  CellularAutomaton[{3 058 456 031 175 036 821 699 223 597 960 679 808, {12, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



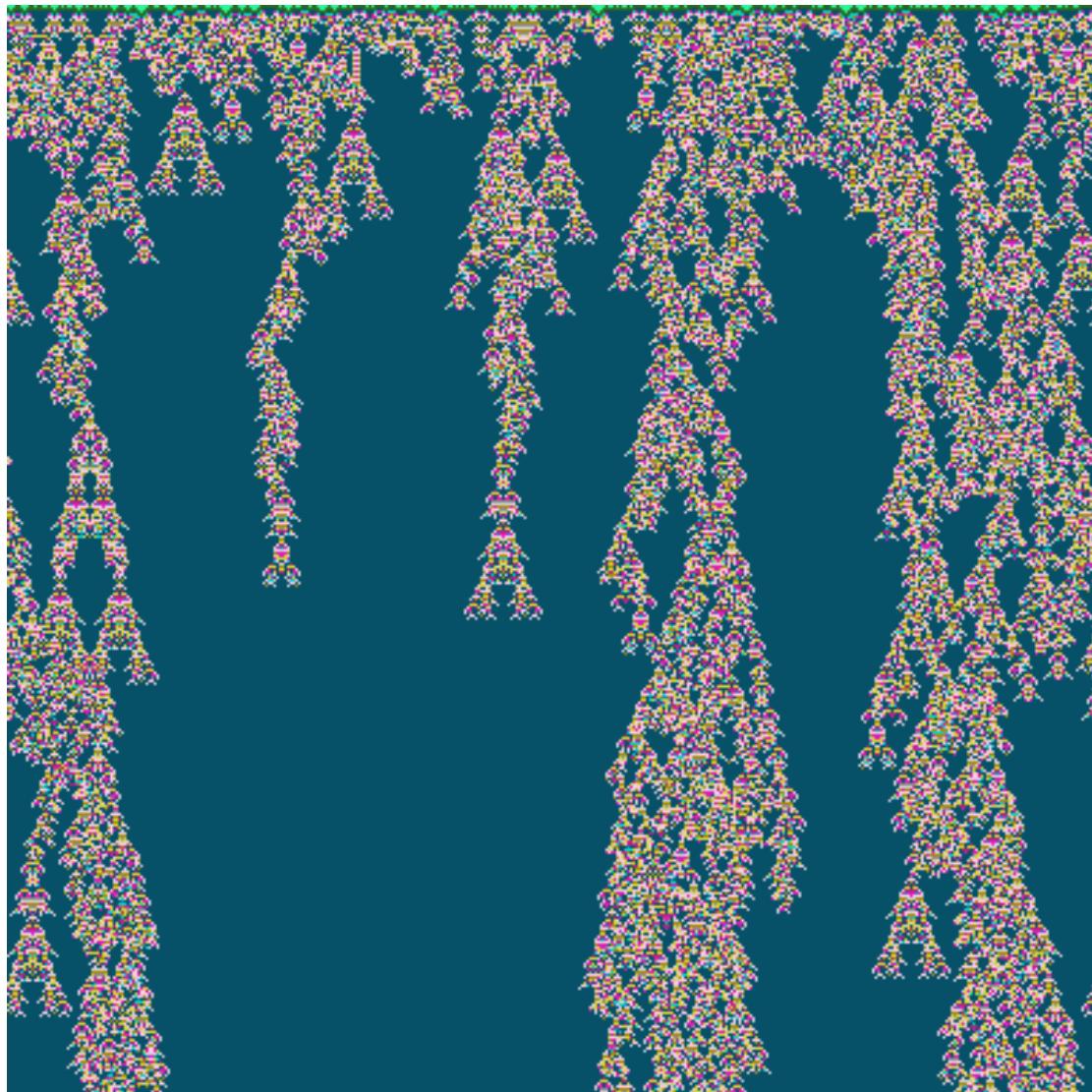
```
In[5143]:= Image[ArrayPlot[  
  CellularAutomaton[{2 455 526 575 190 723 201 244 662 123 774 604 682, {12, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



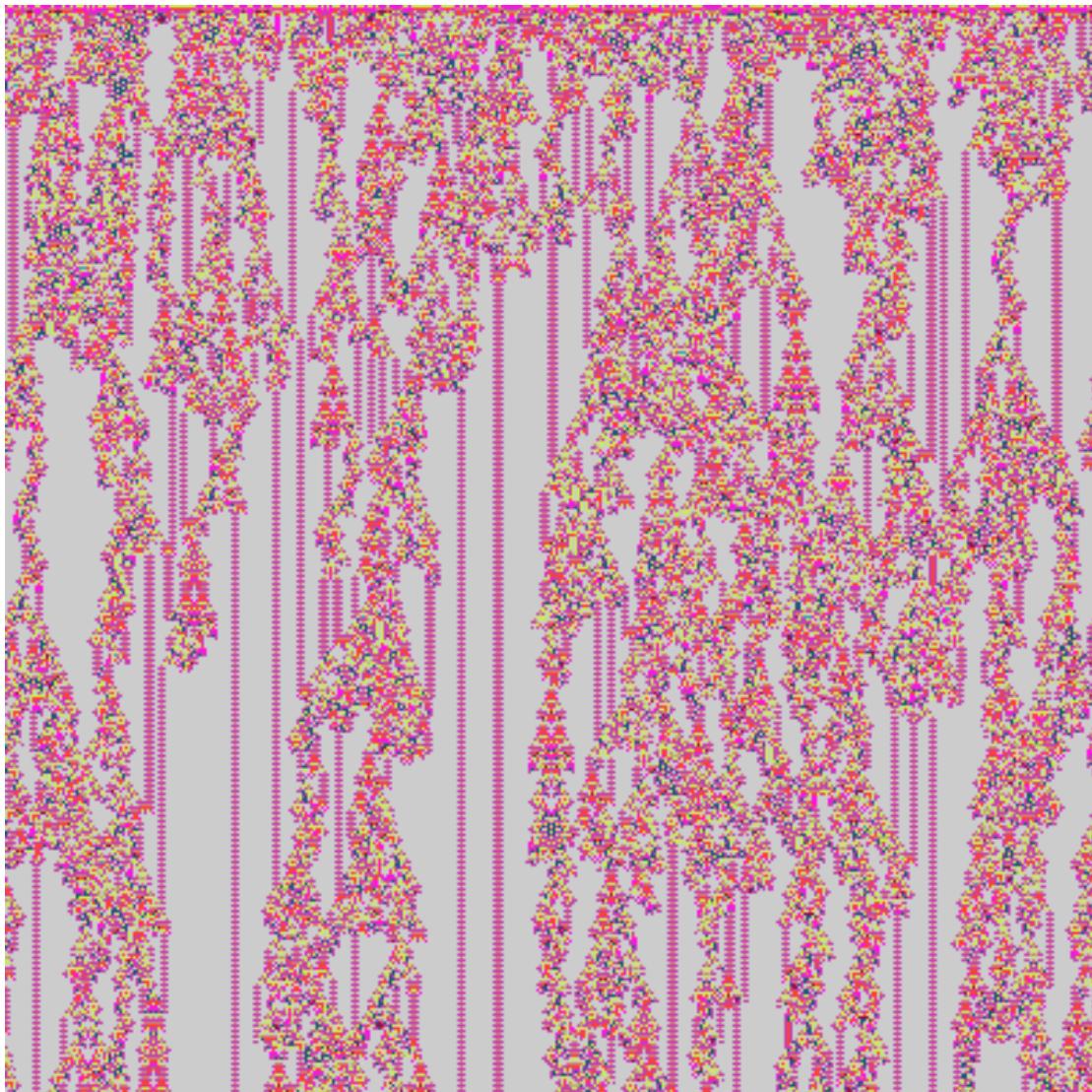
```
In[5146]:= Image[ArrayPlot[  
  CellularAutomaton[{104 436 083 916 080 938 901 468 633 947 649 723, {12, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]], Frame -> False]]
```



```
In[5158]:= Image[ArrayPlot[  
  CellularAutomaton[{4 733 096 969 284 915 270 003 782 773 388 302 024, {12, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

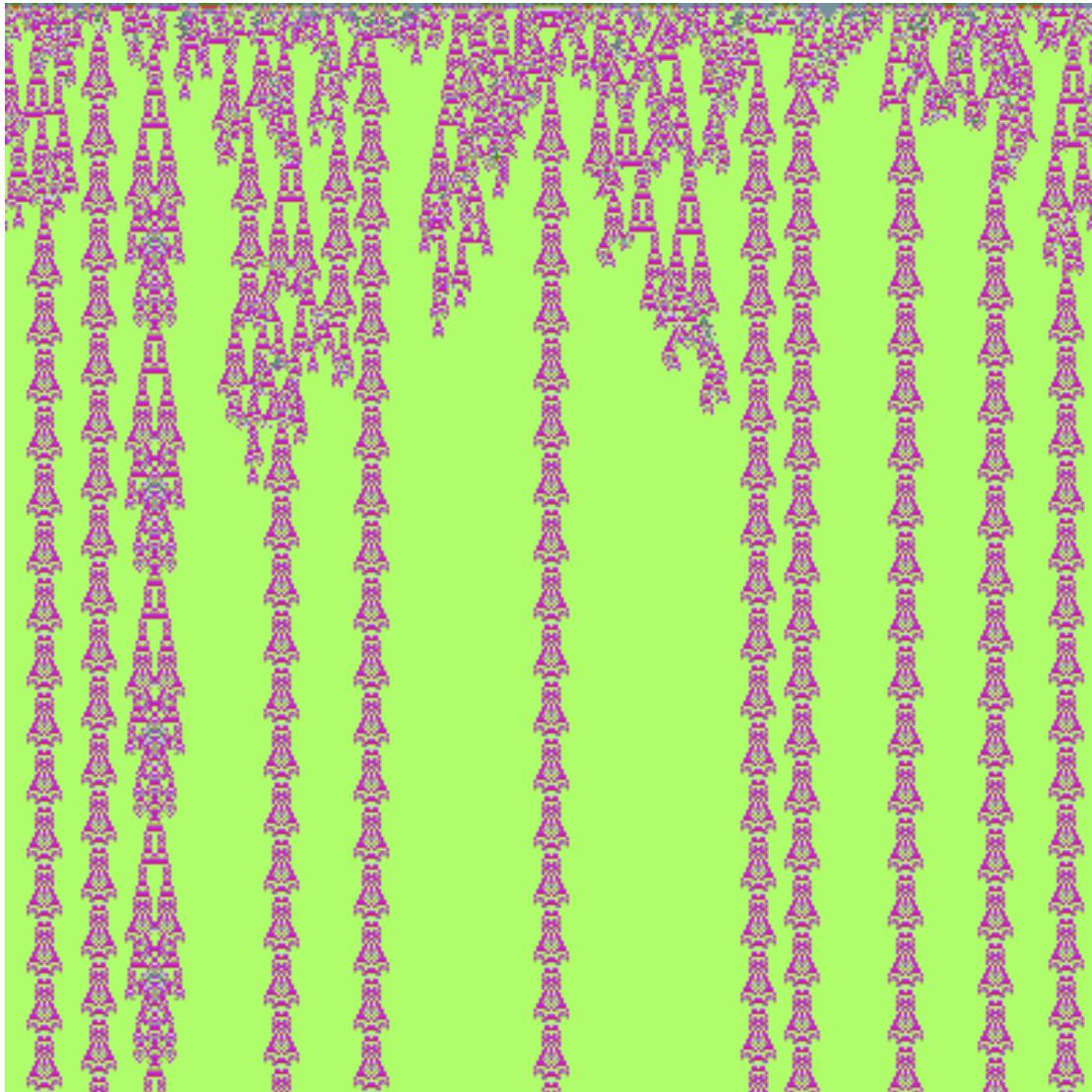


```
In[5159]:= Image[ArrayPlot[  
  CellularAutomaton[{1587812797100613302522421853288753821, {12, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



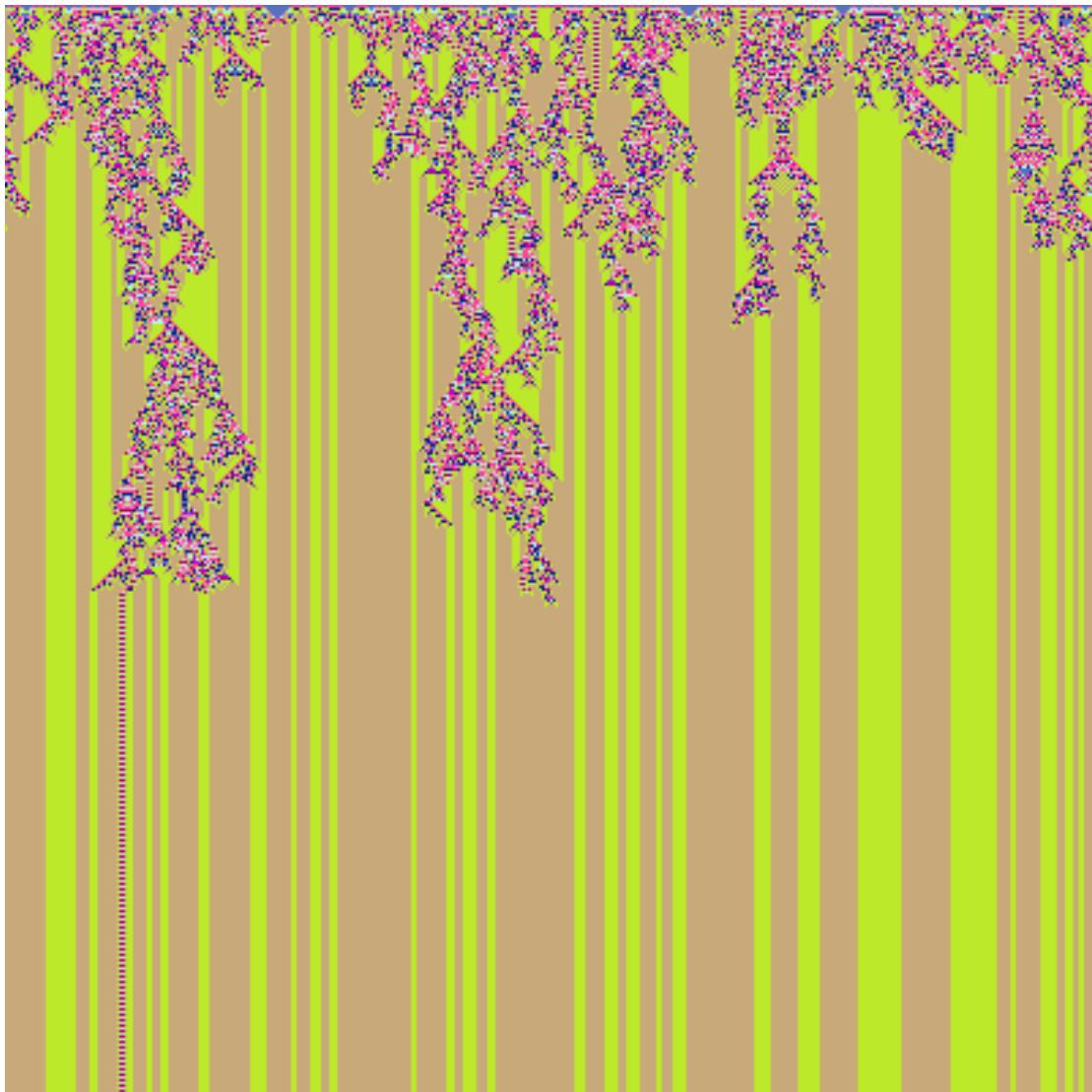
Out[5159]=

```
In[5102]:= Image[ArrayPlot[  
  CellularAutomaton[{781 060 869 332 907 514 784 314 443 714 501 203, {12, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]], Frame -> False]]
```

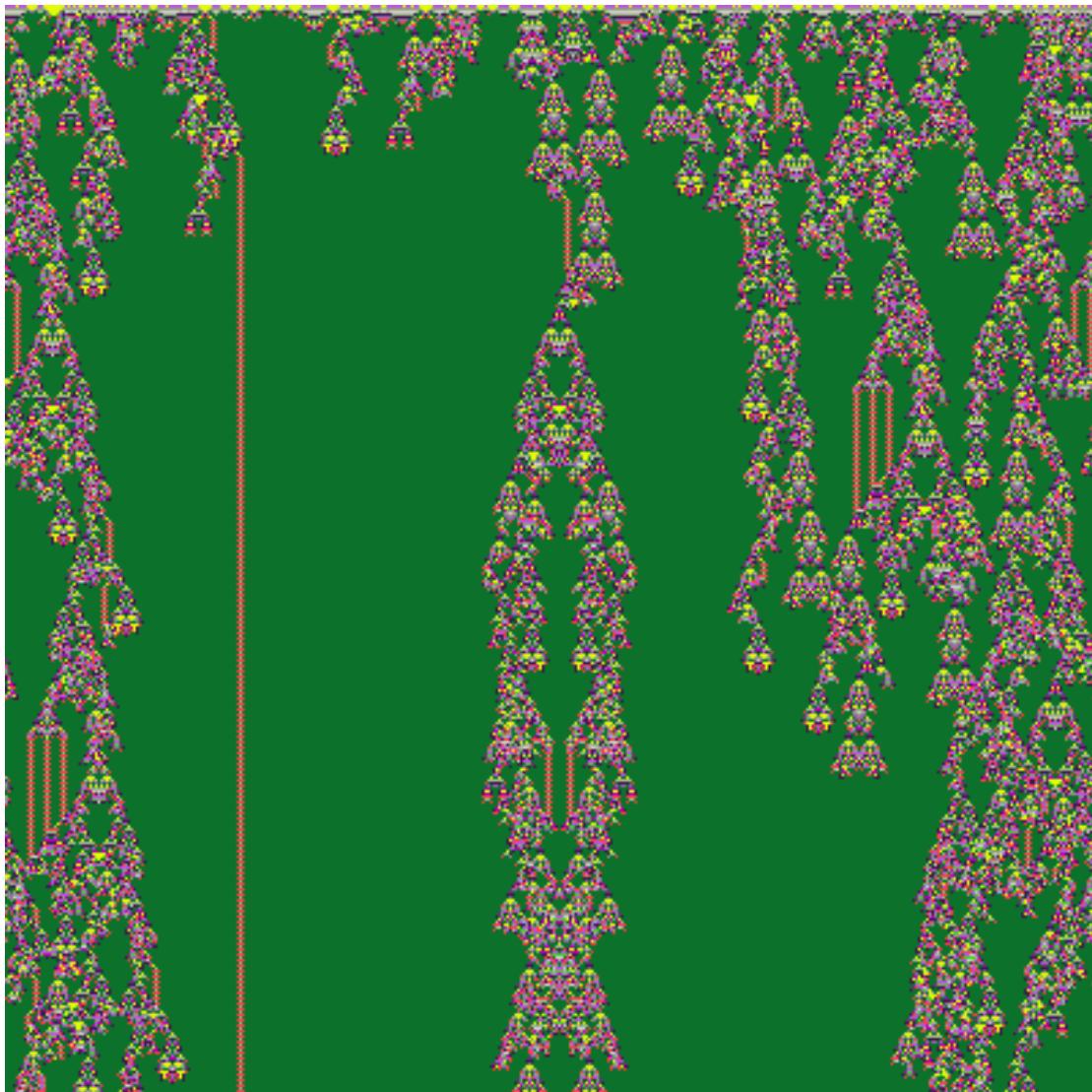


Out[5102]=

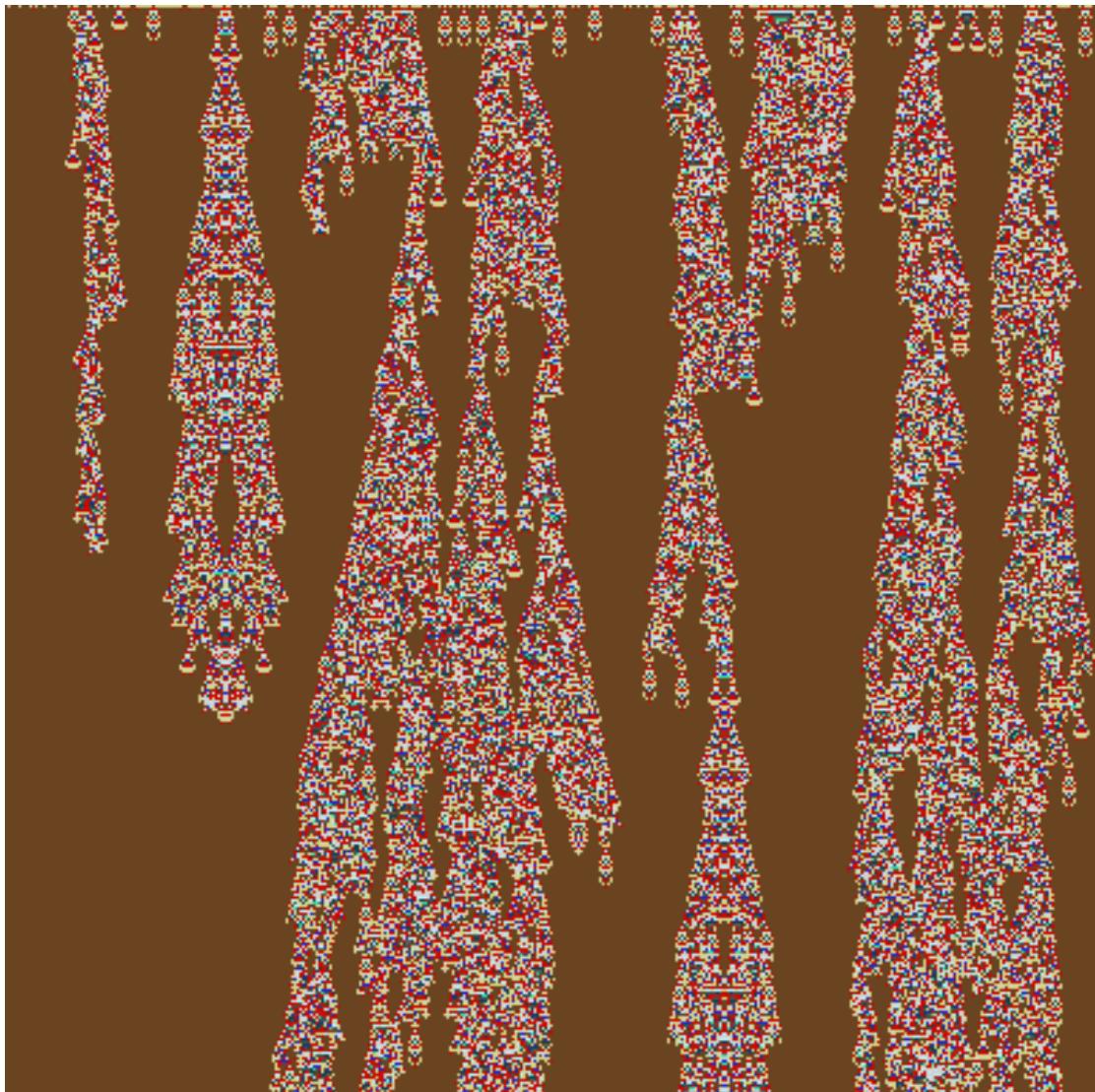
```
In[5121]:= Image[ArrayPlot[  
  CellularAutomaton[{1 283 784 228 005 495 850 522 450 931 863 975 000, {12, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



```
In[5138]:= Image[ArrayPlot[  
  CellularAutomaton[{1 047 385 438 223 922 898 756 810 823 918 015 952, {12, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



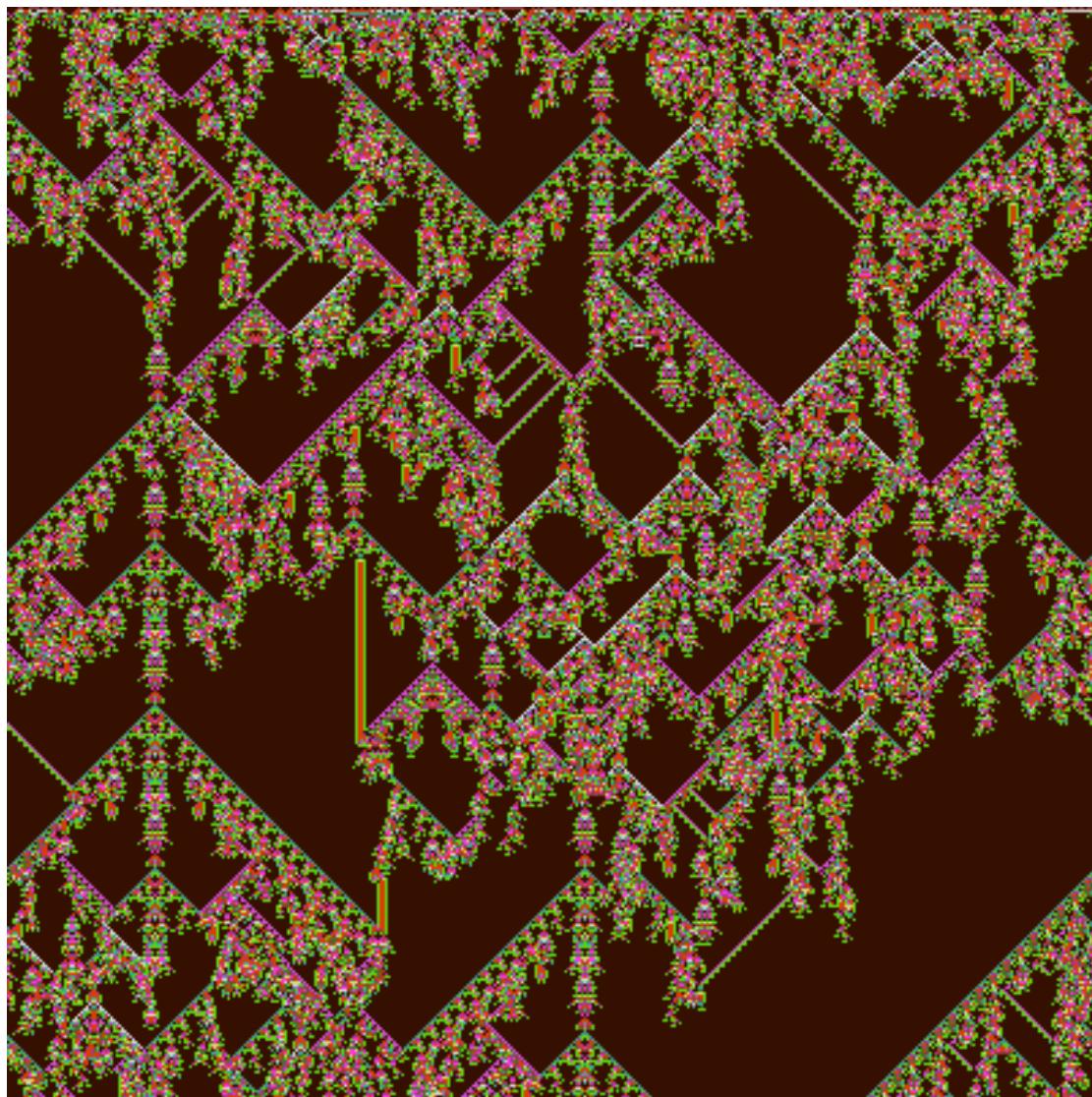
```
In[5142]:= Image[ArrayPlot[  
  CellularAutomaton[{4 320 619 266 476 257 399 584 626 296 920 802 992, {12, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



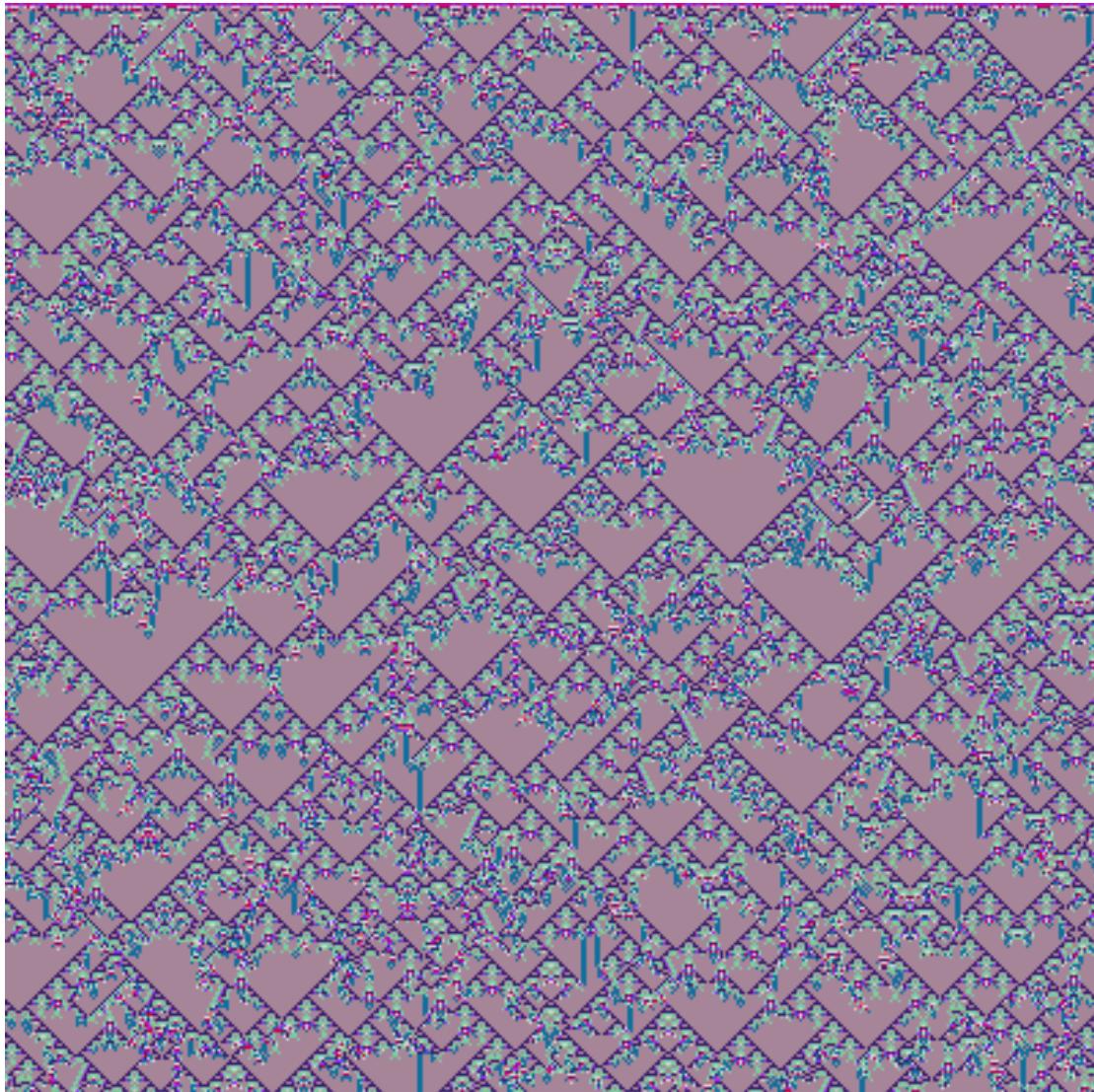
## 13-Colour Totalistic, Range 1

```
In[5291]:= Image[ArrayPlot[  
CellularAutomaton[{26 988 579 987 390 253 364 213 109 395 030 864 144 438, {13, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

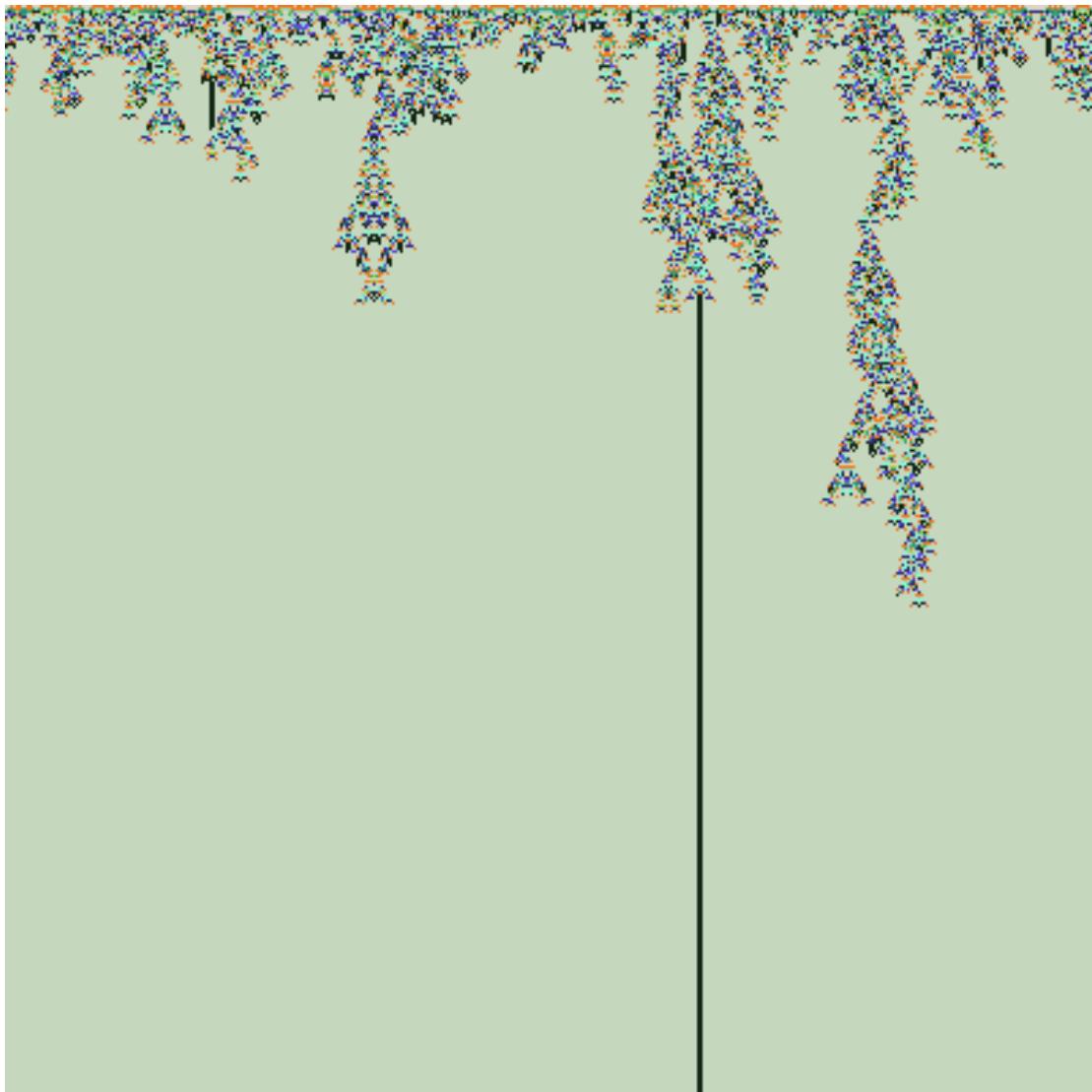
Out[5291]=



```
In[5167]:= Image[ArrayPlot[  
  CellularAutomaton[{30 235 228 829 942 738 476 096 753 221 841 410 568 993, {13, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```

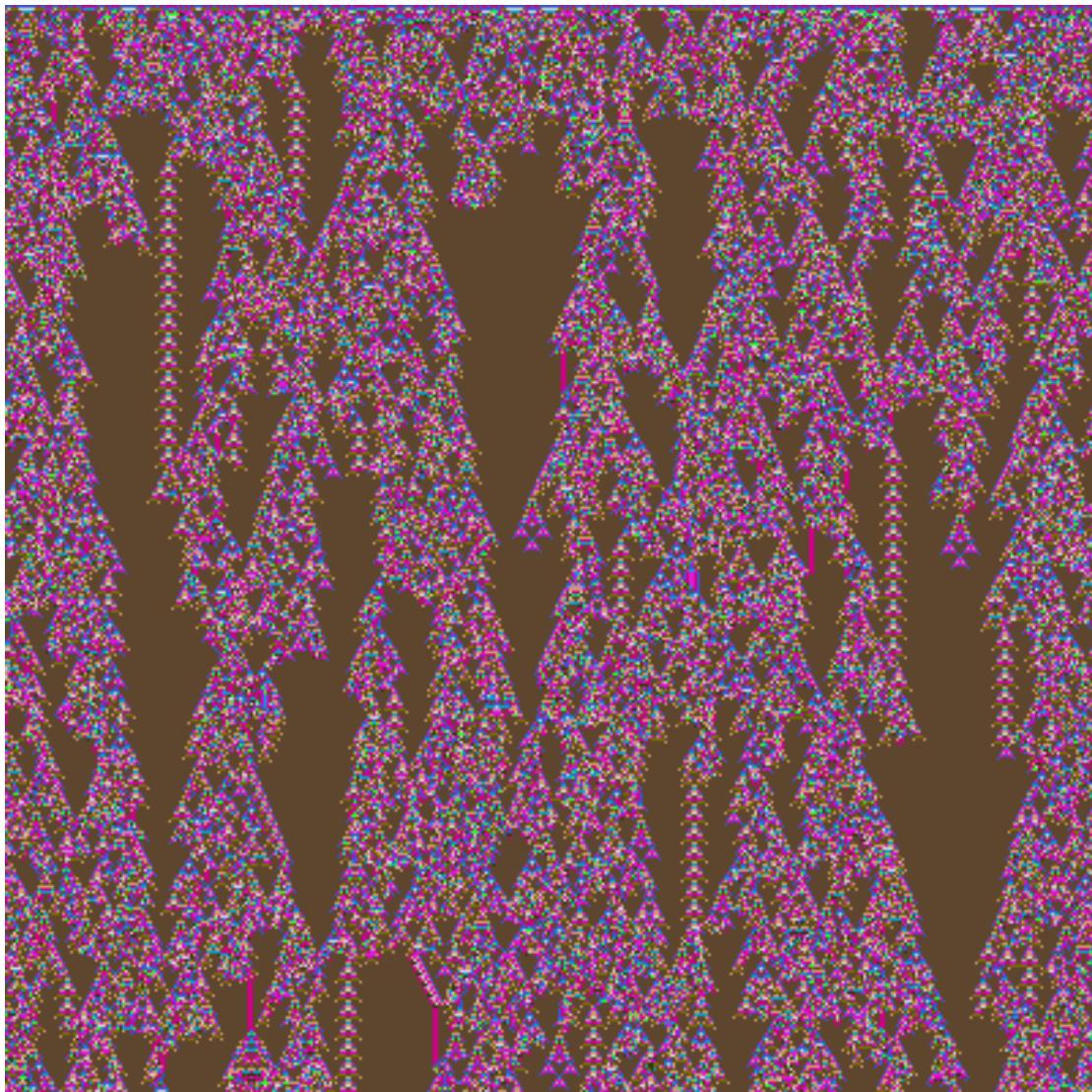


```
In[5179]:= Image[ArrayPlot[CellularAutomaton[  
  {159, 905, 700, 948, 677, 175, 176, 392, 165, 576, 909, 906, 680, 832}, {13, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]], Frame -> False]]
```



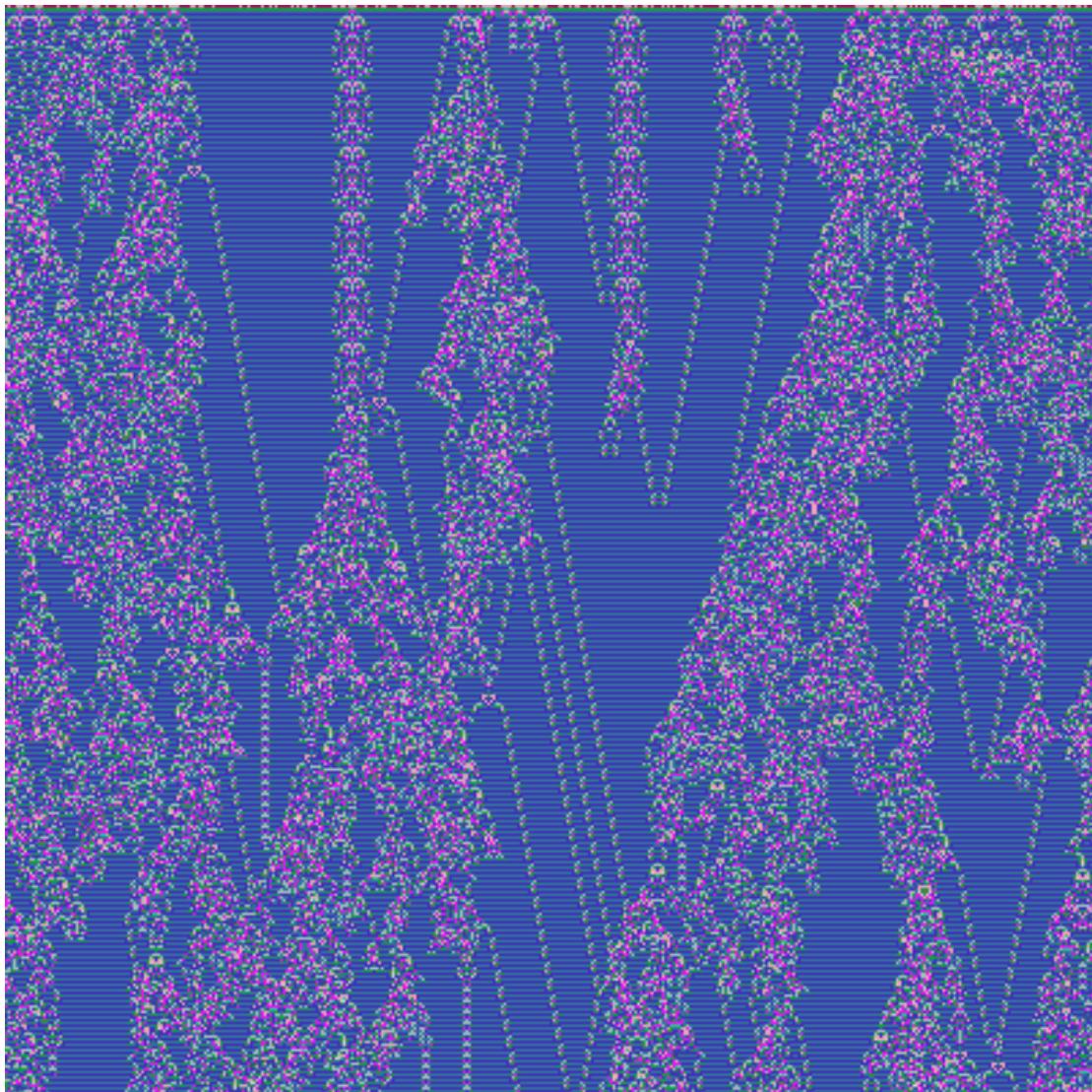
Out[5179]=

```
In[5187]:= Image[ArrayPlot[  
  CellularAutomaton[{99 384 908 964 066 022 244 825 088 901 912 417 579 256, {13, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



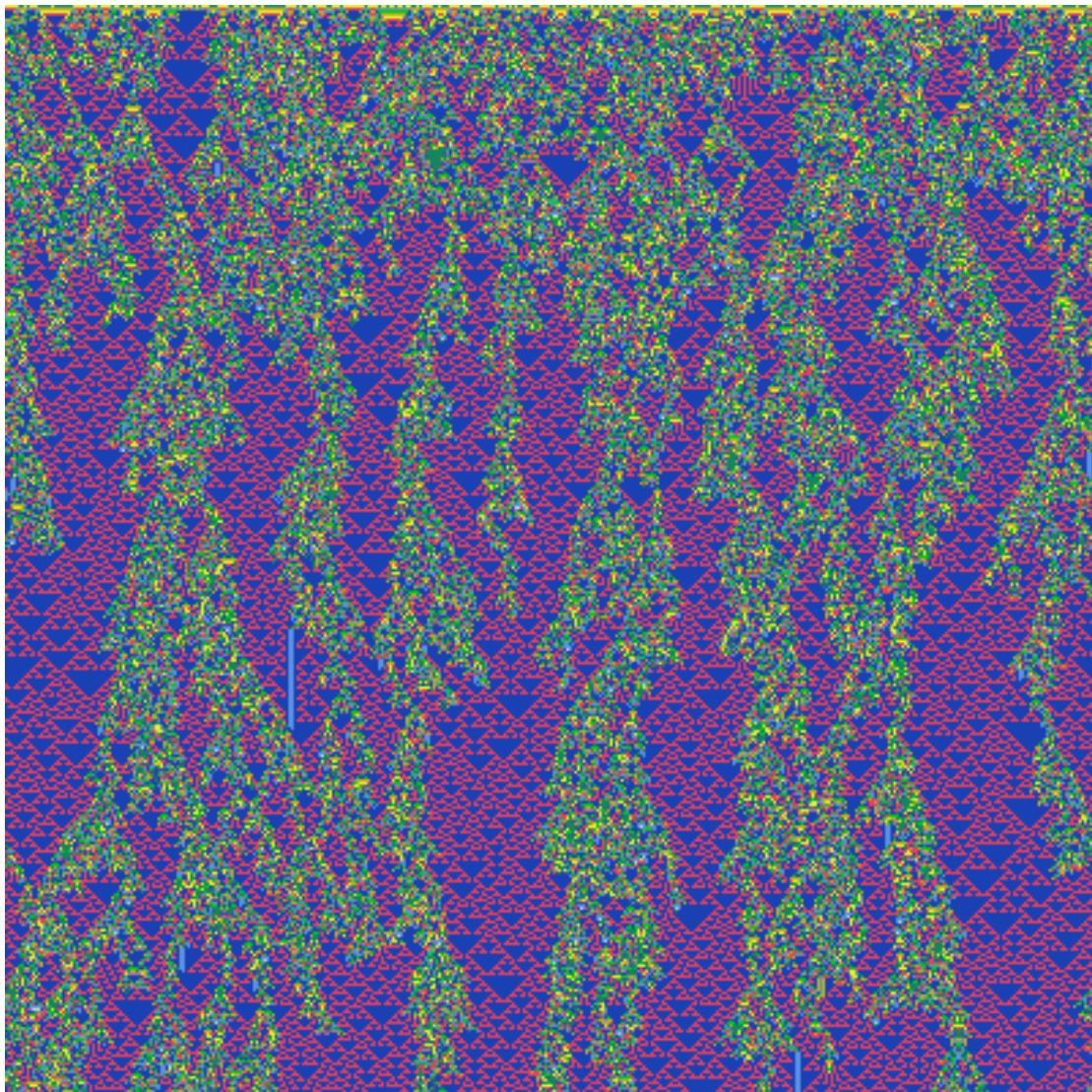
Out[5187]=

```
In[5220]:= Image[ArrayPlot[CellularAutomaton[  
{100 768 508 438 747 295 440 176 254 647 622 379 165 505, {13, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]], Frame -> False]]
```

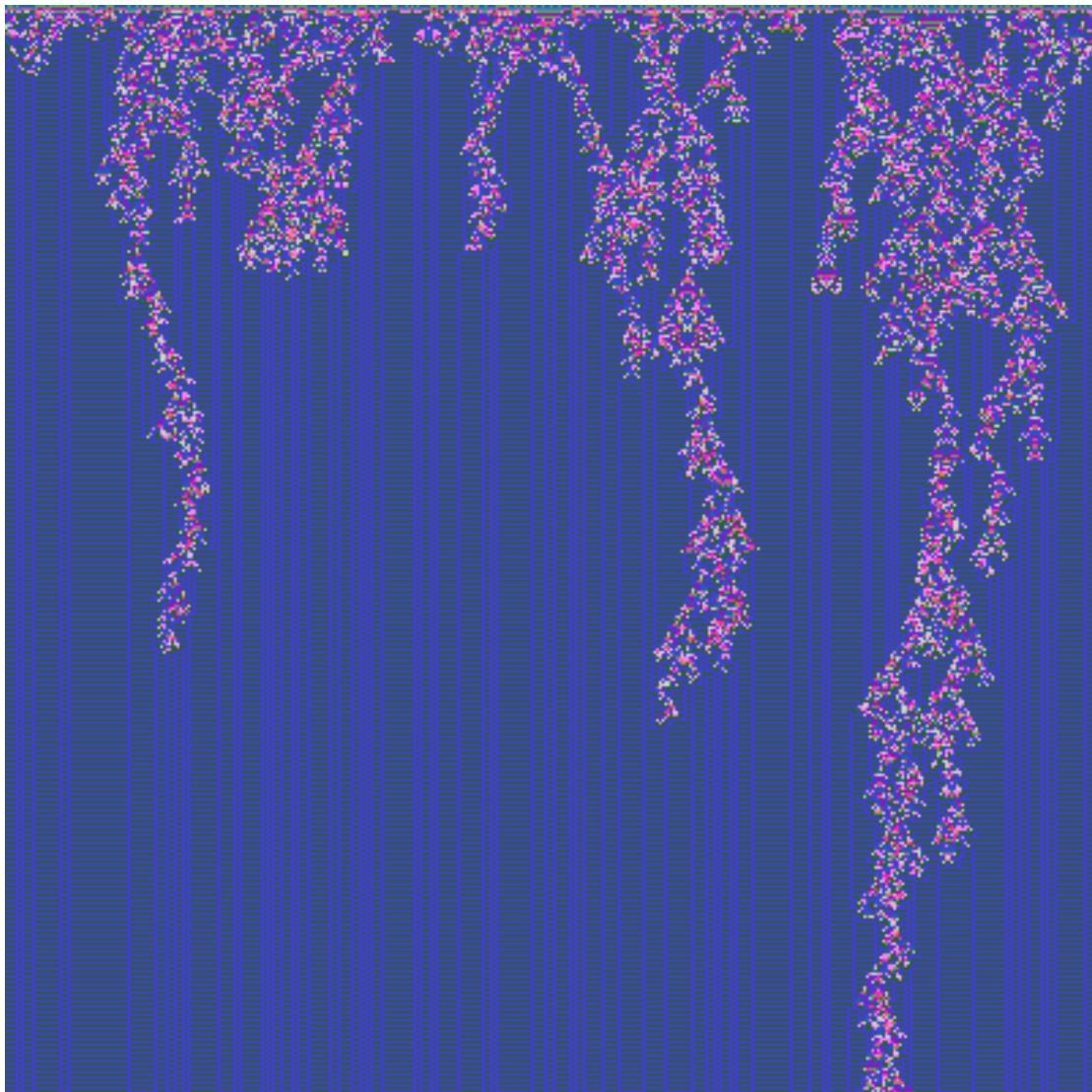


Out[5220]=

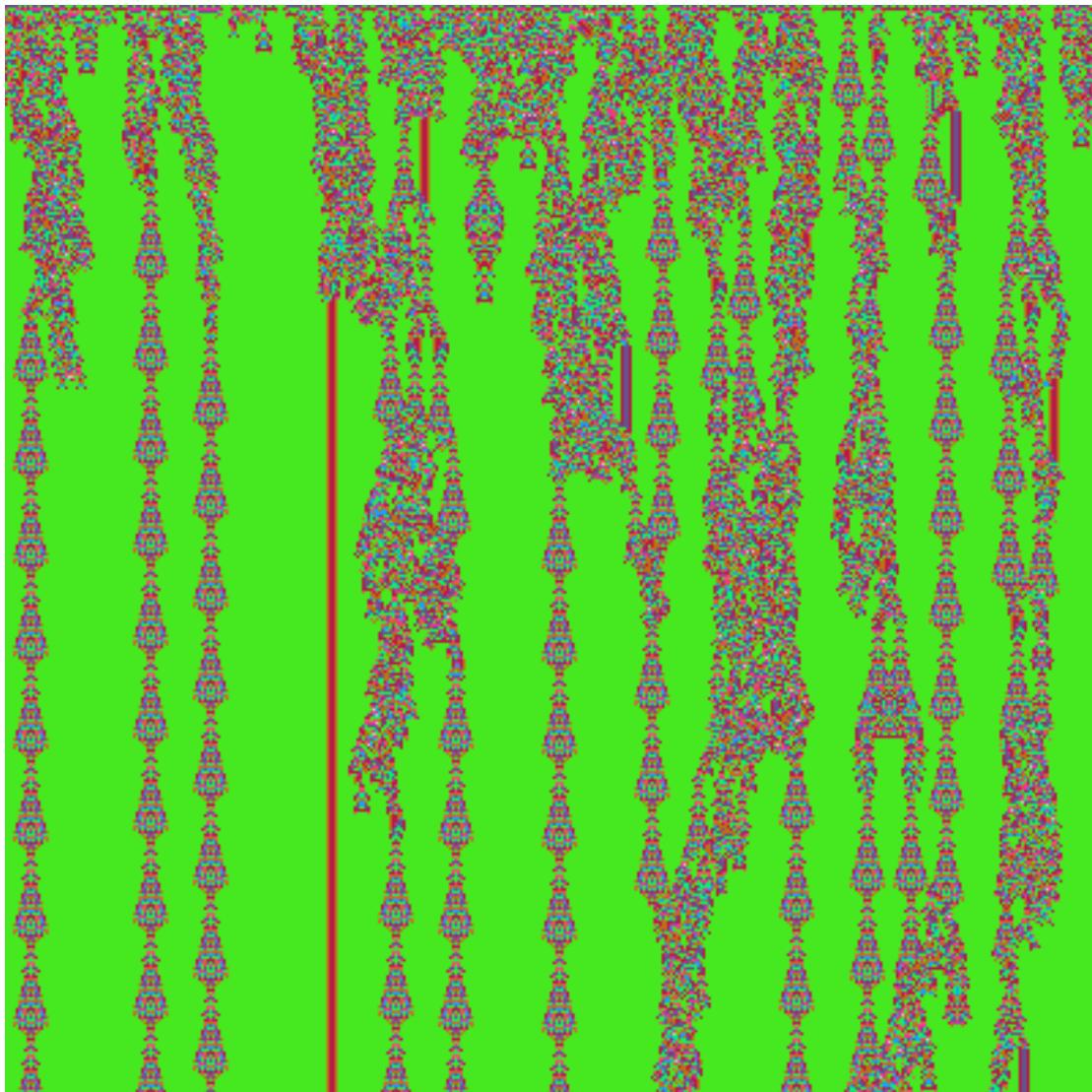
```
In[5233]:= Image[ArrayPlot[  
  CellularAutomaton[{29 851 419 122 112 002 352 151 950 452 372 723 929 711, {13, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]}, Frame -> False]]
```



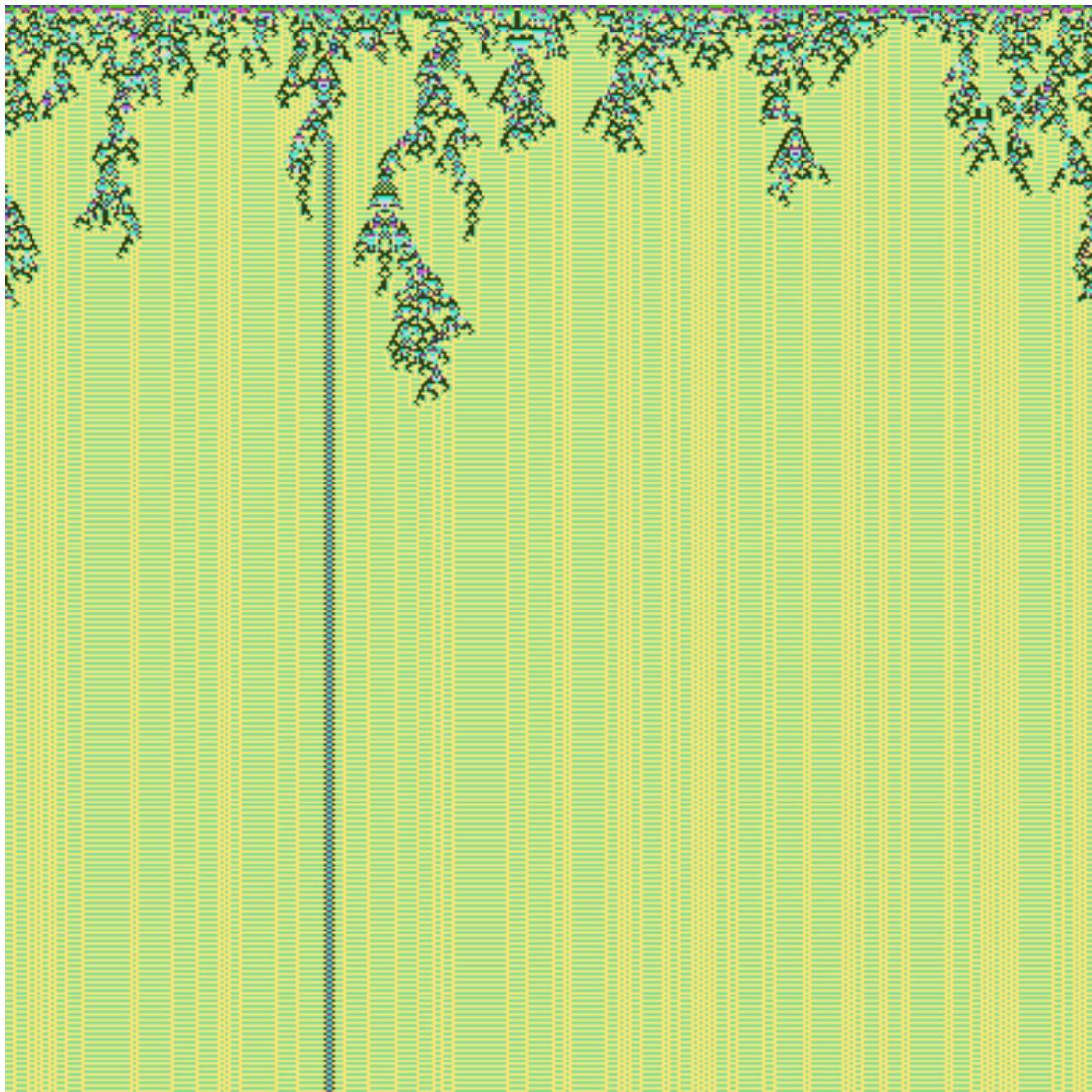
```
In[2999]:= Image[ArrayPlot[CellularAutomaton[  
  {106 550 405 032 429 077 066 434 884 291 899 611 400 978, {13, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]], Frame -> False]]
```



```
In[5241]:= Image[ArrayPlot[  
  CellularAutomaton[{80 367 842 742 116 297 714 884 737 503 617 202 997 068, {13, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]], Frame -> False]]
```

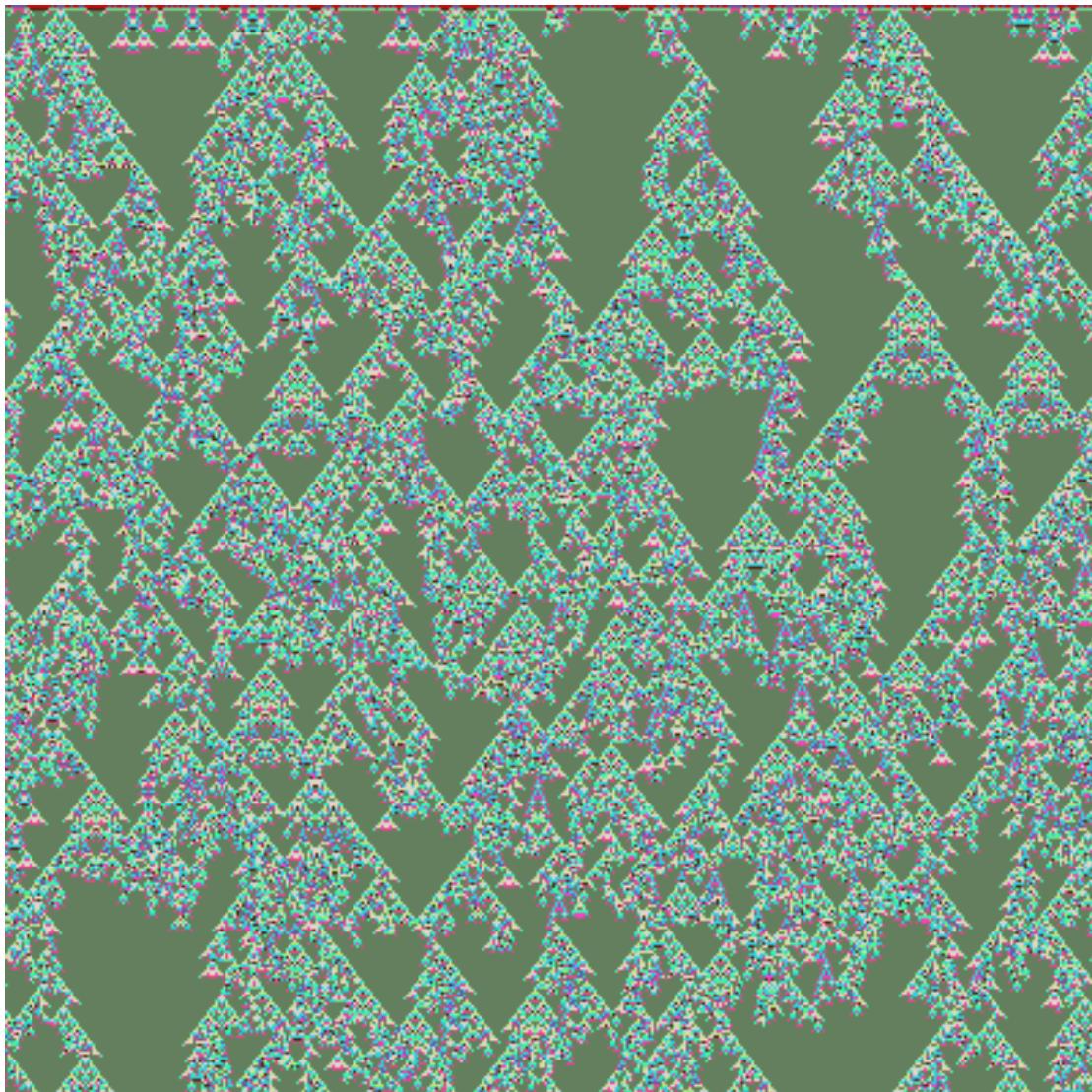


```
In[5250]:= Image[ArrayPlot[CellularAutomaton[  
  {102 237 322 322 427 101 673 772 805 946 920 371 321 460, {13, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
  7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
  10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]], Frame -> False]]
```



```
Out[5250]=
```

```
In[5290]:= Image[ArrayPlot[CellularAutomaton[  
    {159, 062, 582, 833, 281, 238, 234, 594, 439, 977, 538, 154, 454, 136}, {13, 1}, 1],  
    RandomInteger[1, 400], 400], ImageSize -> Large,  
    ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
    4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[],  
    7 -> RandomColor[], 8 -> RandomColor[], 9 -> RandomColor[],  
    10 -> RandomColor[], 11 -> RandomColor[], 12 -> RandomColor[]], Frame -> False]]
```

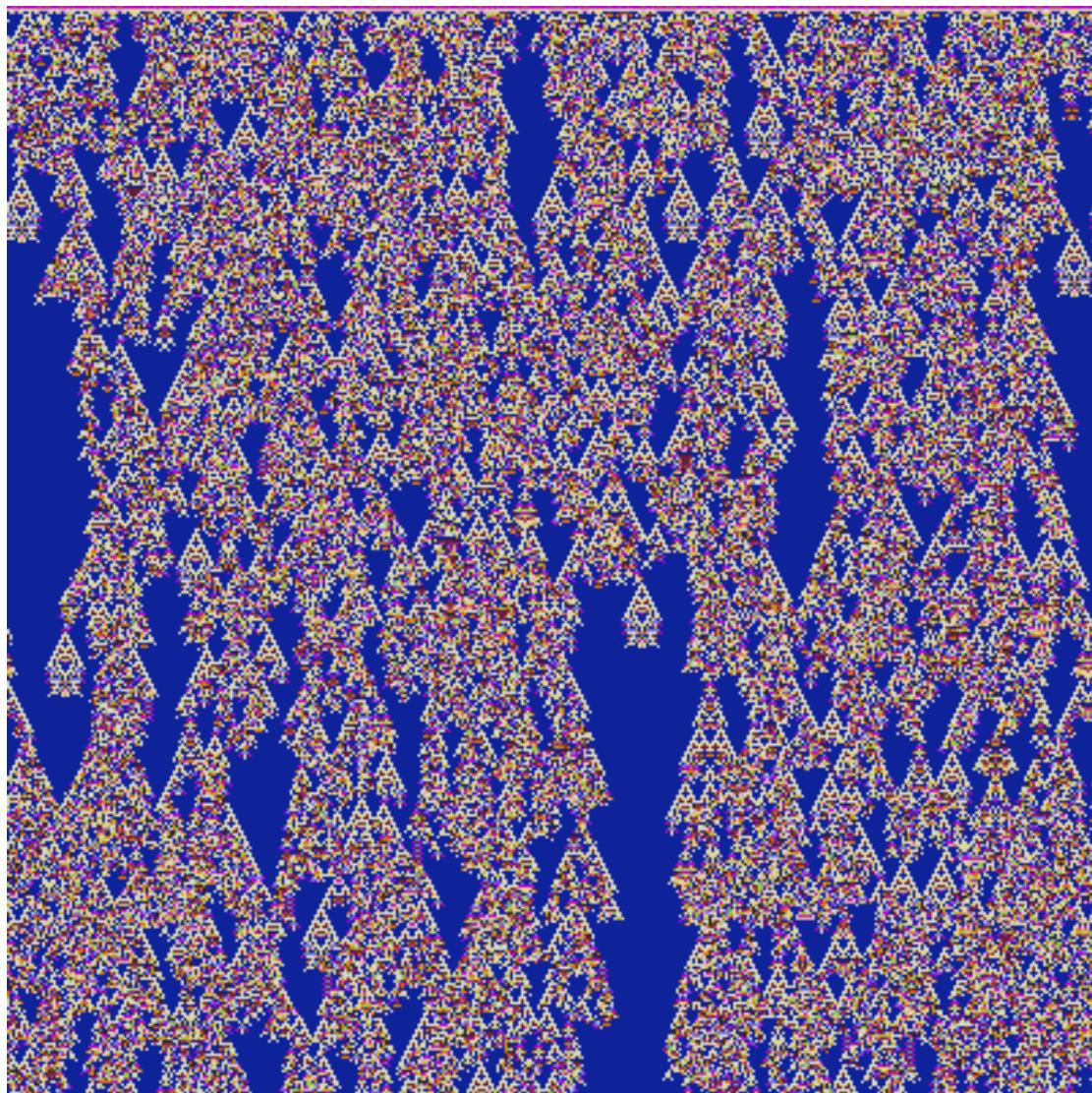


Out[5290]=

## 14-Colour Totalistic, Range 1

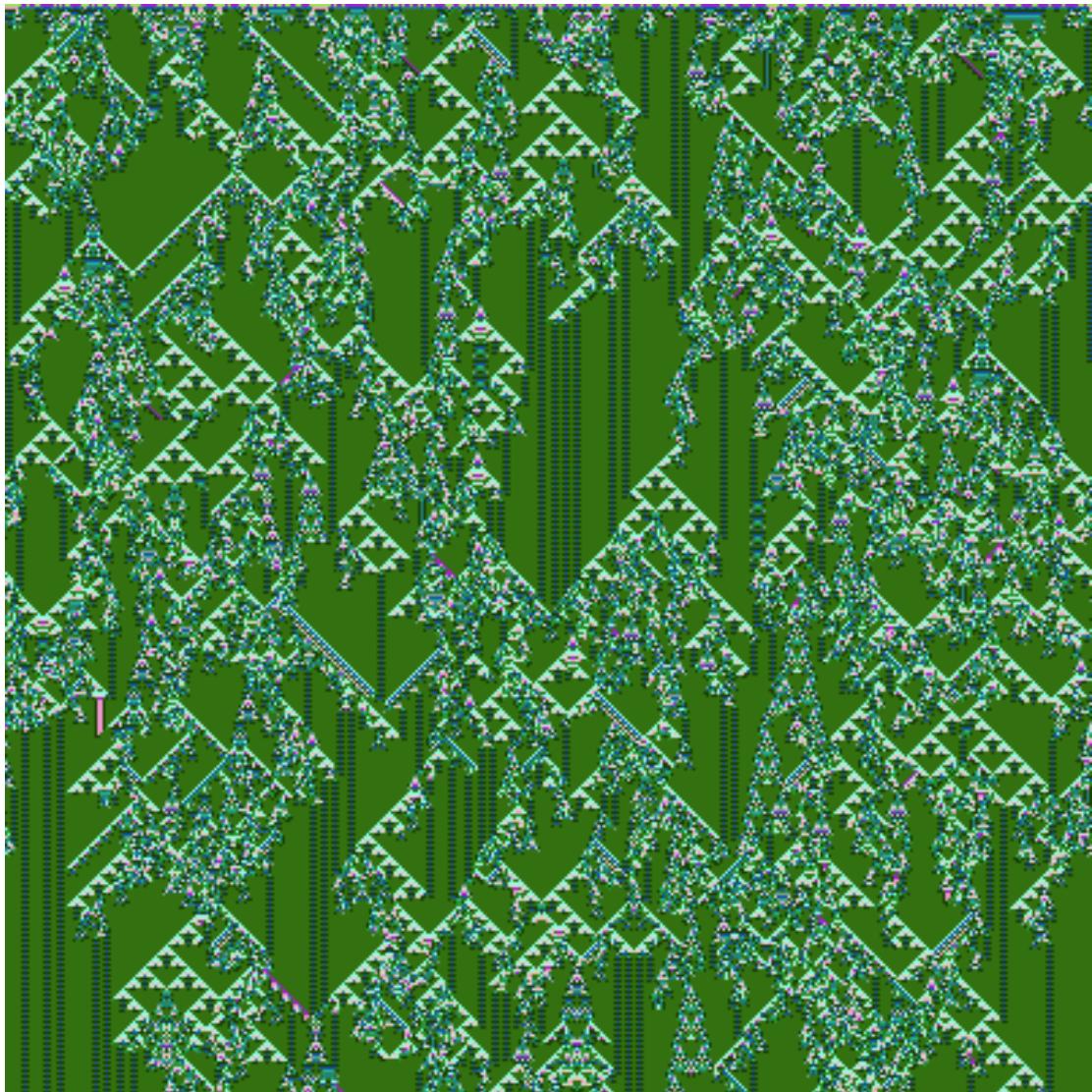
```
In[5299]:= Image[ArrayPlot[CellularAutomaton[  
{1 212 174 832 170 300 762 579 215 592 716 449 424 370 963 285, {14, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[], 7 -> RandomColor[],  
8 -> RandomColor[], 9 -> RandomColor[], 10 -> RandomColor[], 11 -> RandomColor[],  
12 -> RandomColor[], 13 -> RandomColor[], 14 -> RandomColor[],  
15 -> RandomColor[], 16 -> RandomColor[], 17 -> RandomColor[]}, Frame -> False]]
```

Out[5299]=

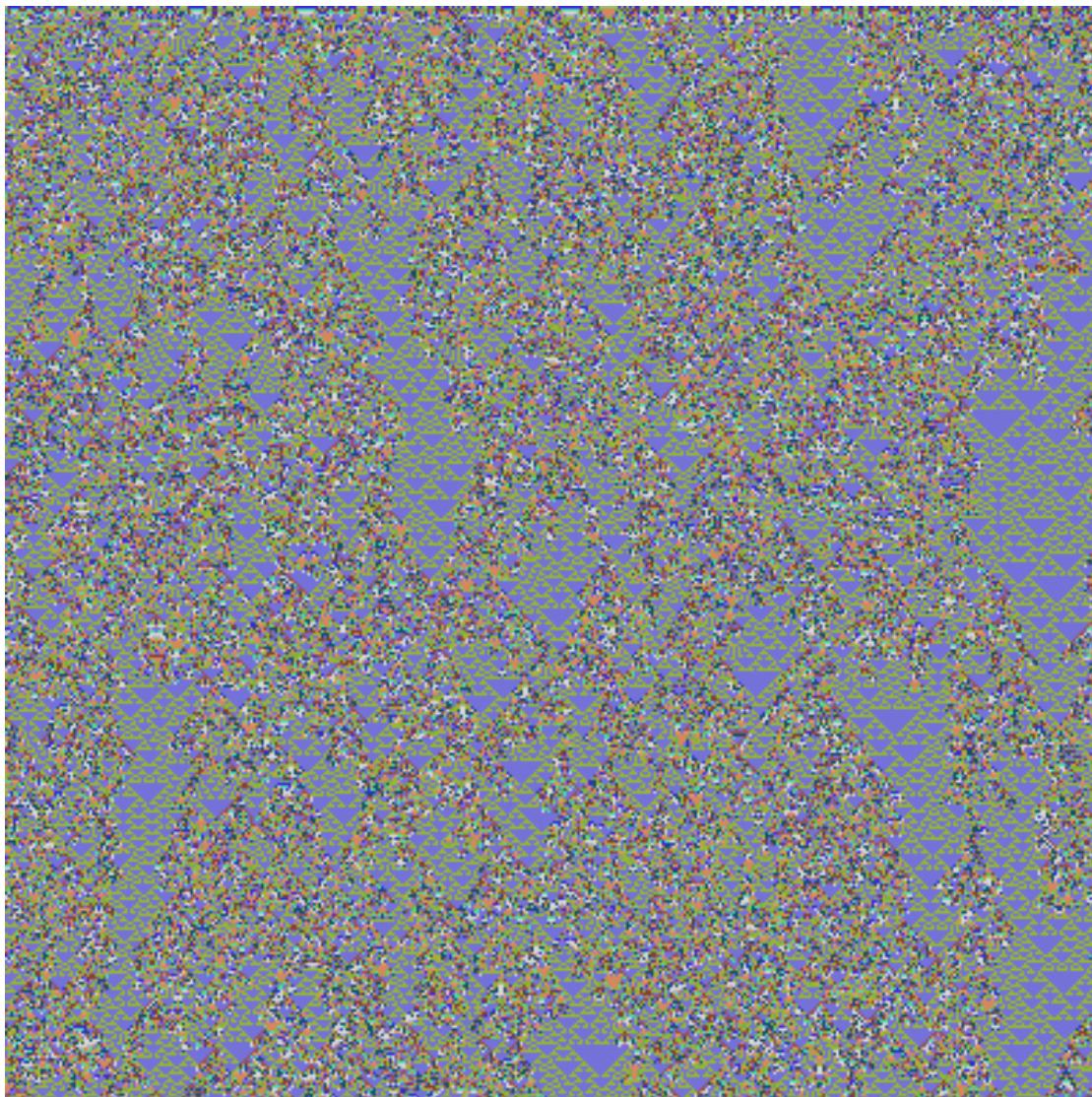


```
In[5301]:= Image[ArrayPlot[CellularAutomaton[  
{1394325240005955012161853184680734010642688333, {14, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[], 7 -> RandomColor[],  
8 -> RandomColor[], 9 -> RandomColor[], 10 -> RandomColor[], 11 -> RandomColor[],  
12 -> RandomColor[], 13 -> RandomColor[], 14 -> RandomColor[],  
15 -> RandomColor[], 16 -> RandomColor[], 17 -> RandomColor[]}, Frame -> False]]
```

Out[5301]=

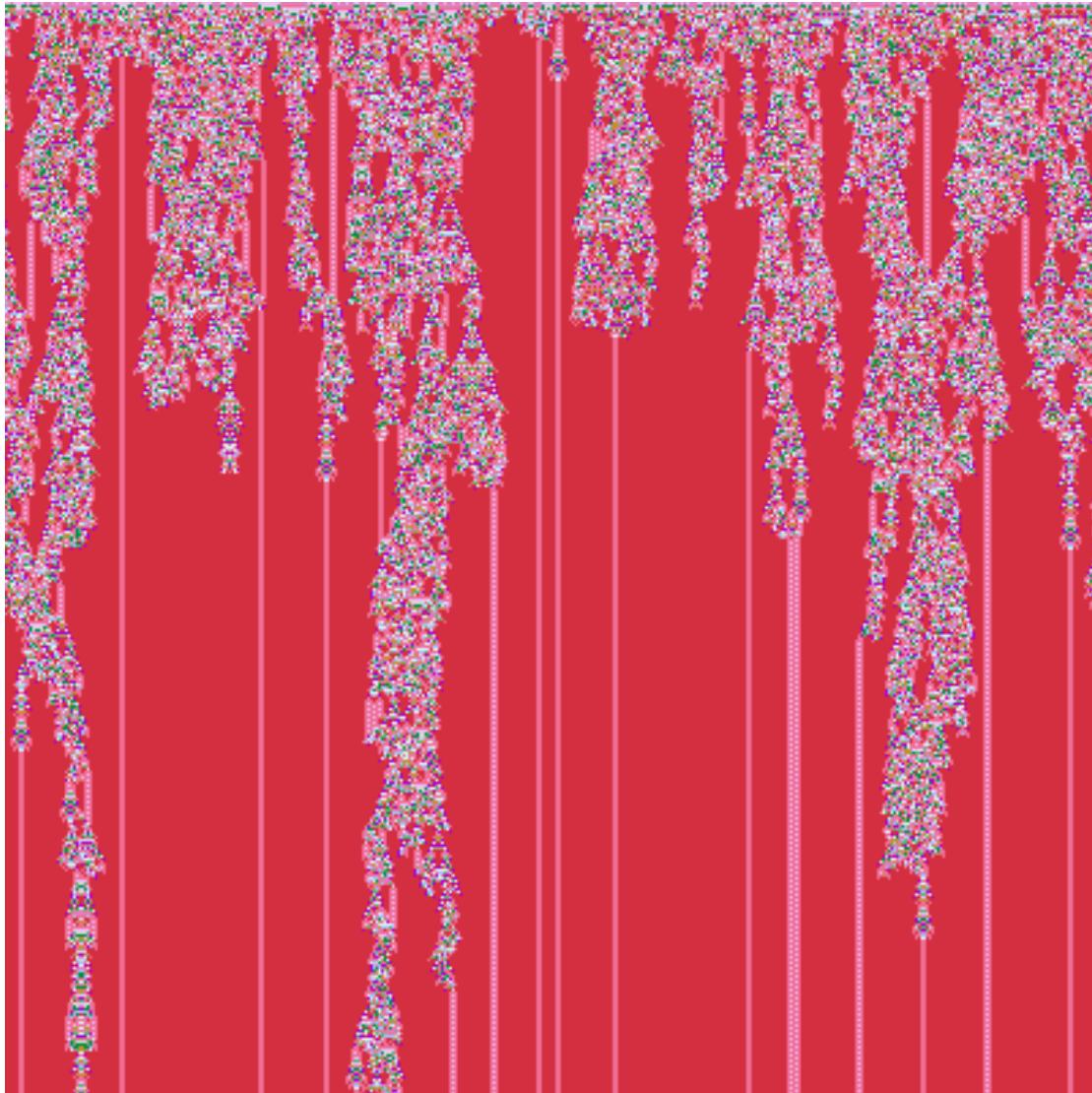


```
In[5303]:= Image[ArrayPlot[CellularAutomaton[  
{3 752 610 331 026 283 326 783 388 896 321 662 490 535 140 465, {14, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[], 7 -> RandomColor[],  
8 -> RandomColor[], 9 -> RandomColor[], 10 -> RandomColor[], 11 -> RandomColor[],  
12 -> RandomColor[], 13 -> RandomColor[], 14 -> RandomColor[],  
15 -> RandomColor[], 16 -> RandomColor[], 17 -> RandomColor[]}, Frame -> False]]
```

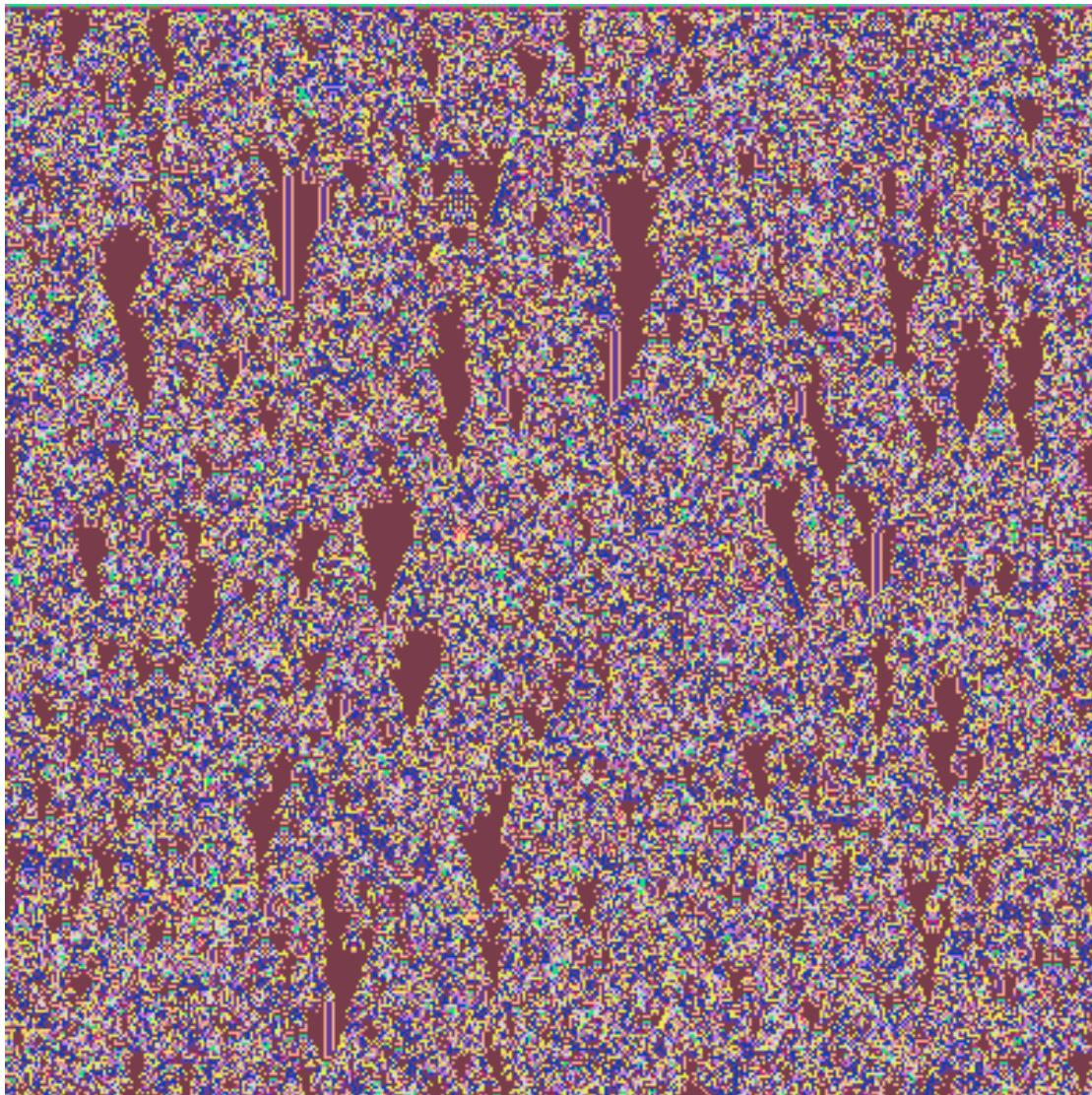


```
In[5304]:= Image[ArrayPlot[CellularAutomaton[  
{3 329 347 984 649 734 426 771 198 647 570 565 348 143 518 176, {14, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[], 7 -> RandomColor[],  
8 -> RandomColor[], 9 -> RandomColor[], 10 -> RandomColor[], 11 -> RandomColor[],  
12 -> RandomColor[], 13 -> RandomColor[], 14 -> RandomColor[],  
15 -> RandomColor[], 16 -> RandomColor[], 17 -> RandomColor[]}, Frame -> False]]
```

Out[5304]=



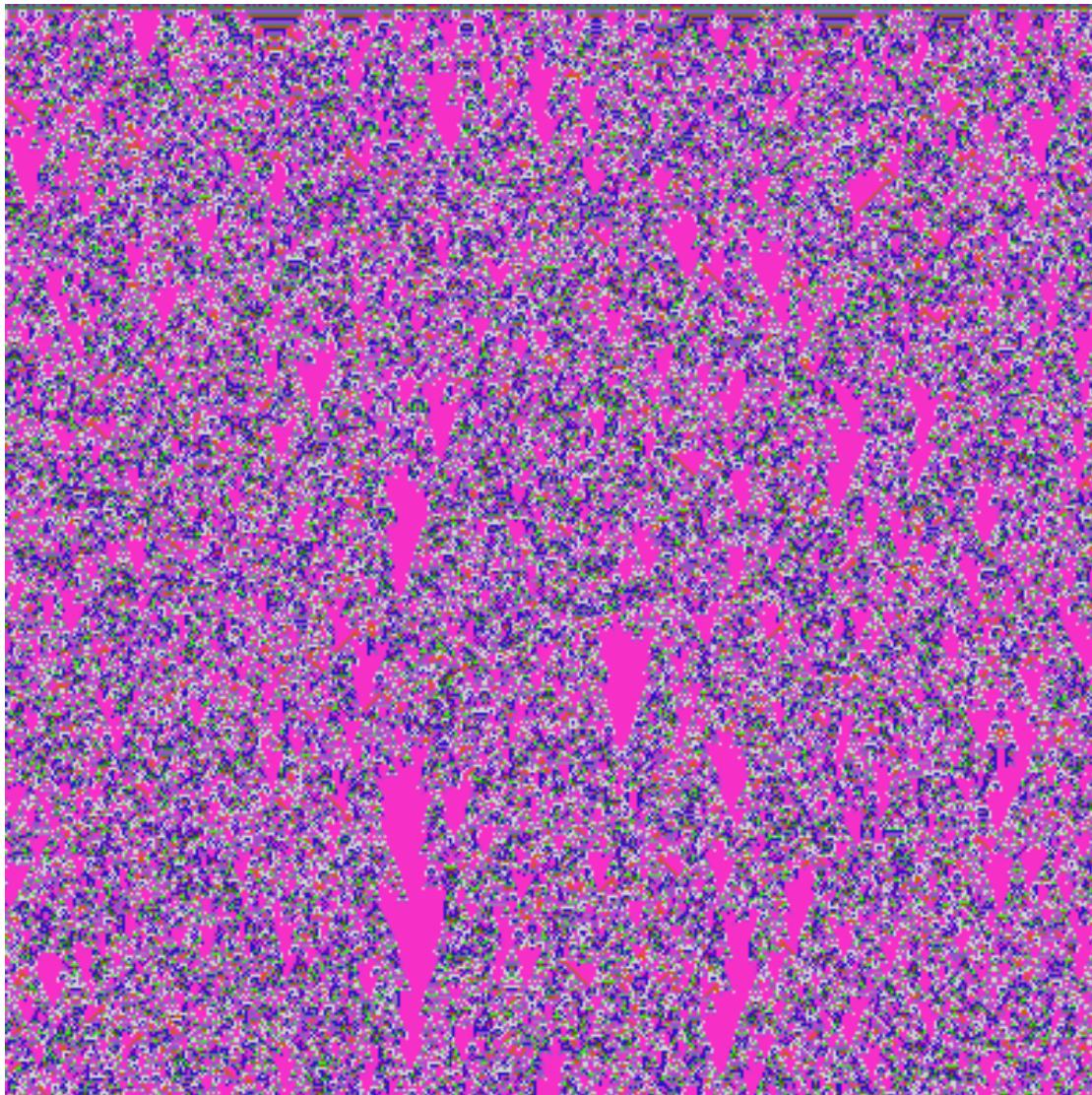
```
In[5306]:= Image[ArrayPlot[CellularAutomaton[  
  {1955, 215, 184, 181, 843, 770, 368, 930, 670, 556, 661, 429, 991, 609, 042}, {14, 1}, 1],  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[], 7 -> RandomColor[],  
  8 -> RandomColor[], 9 -> RandomColor[], 10 -> RandomColor[], 11 -> RandomColor[],  
  12 -> RandomColor[], 13 -> RandomColor[], 14 -> RandomColor[],  
  15 -> RandomColor[], 16 -> RandomColor[], 17 -> RandomColor[]}, Frame -> False]]
```



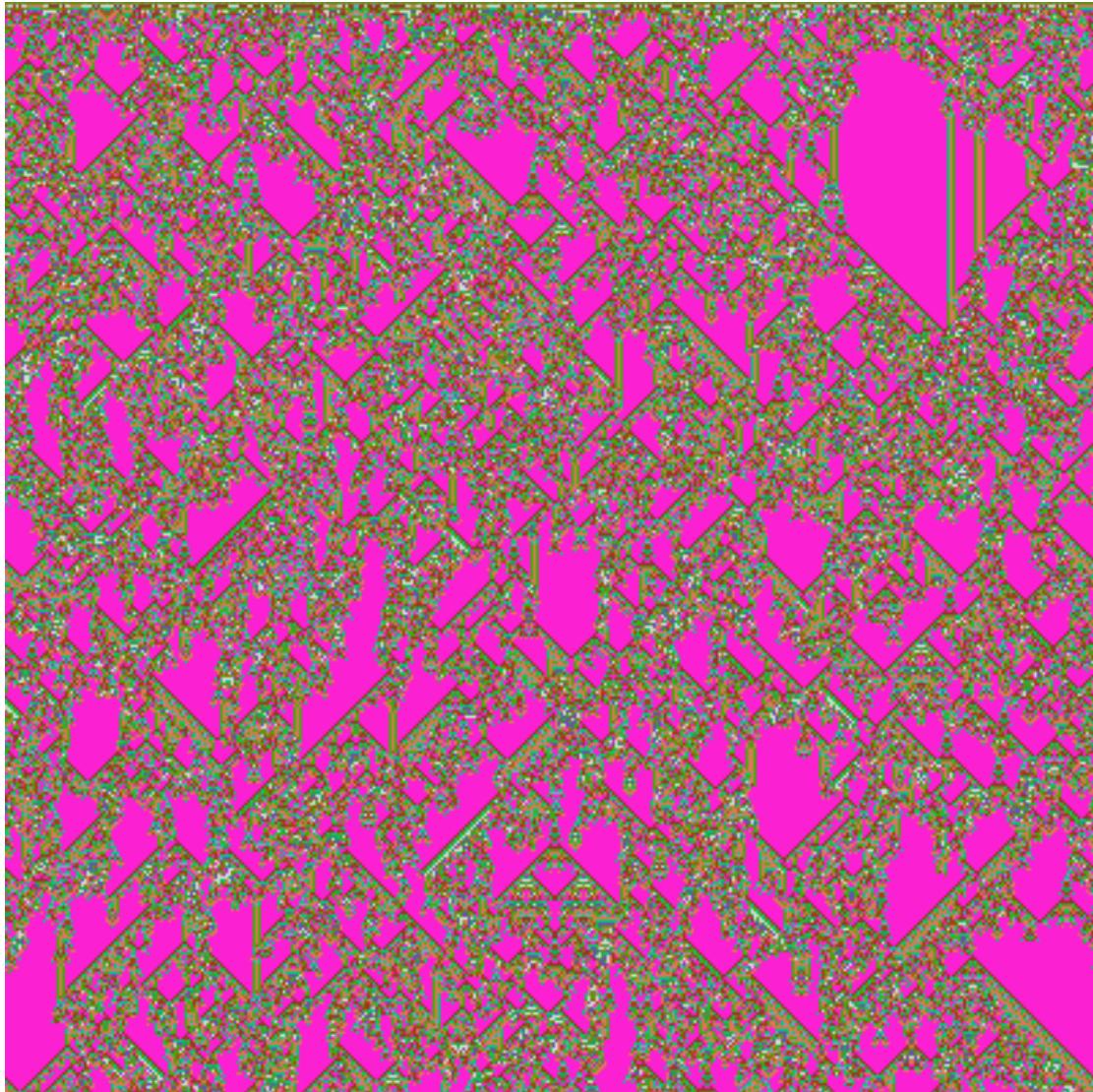
```
In[5307]:= Image[ArrayPlot[CellularAutomaton[  
{5 848 470 572 145 749 559 445 514 788 244 103 796 068 326 065, {14, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[], 7 -> RandomColor[],  
8 -> RandomColor[], 9 -> RandomColor[], 10 -> RandomColor[], 11 -> RandomColor[],  
12 -> RandomColor[], 13 -> RandomColor[], 14 -> RandomColor[],  
15 -> RandomColor[], 16 -> RandomColor[], 17 -> RandomColor[]}, Frame -> False]]
```



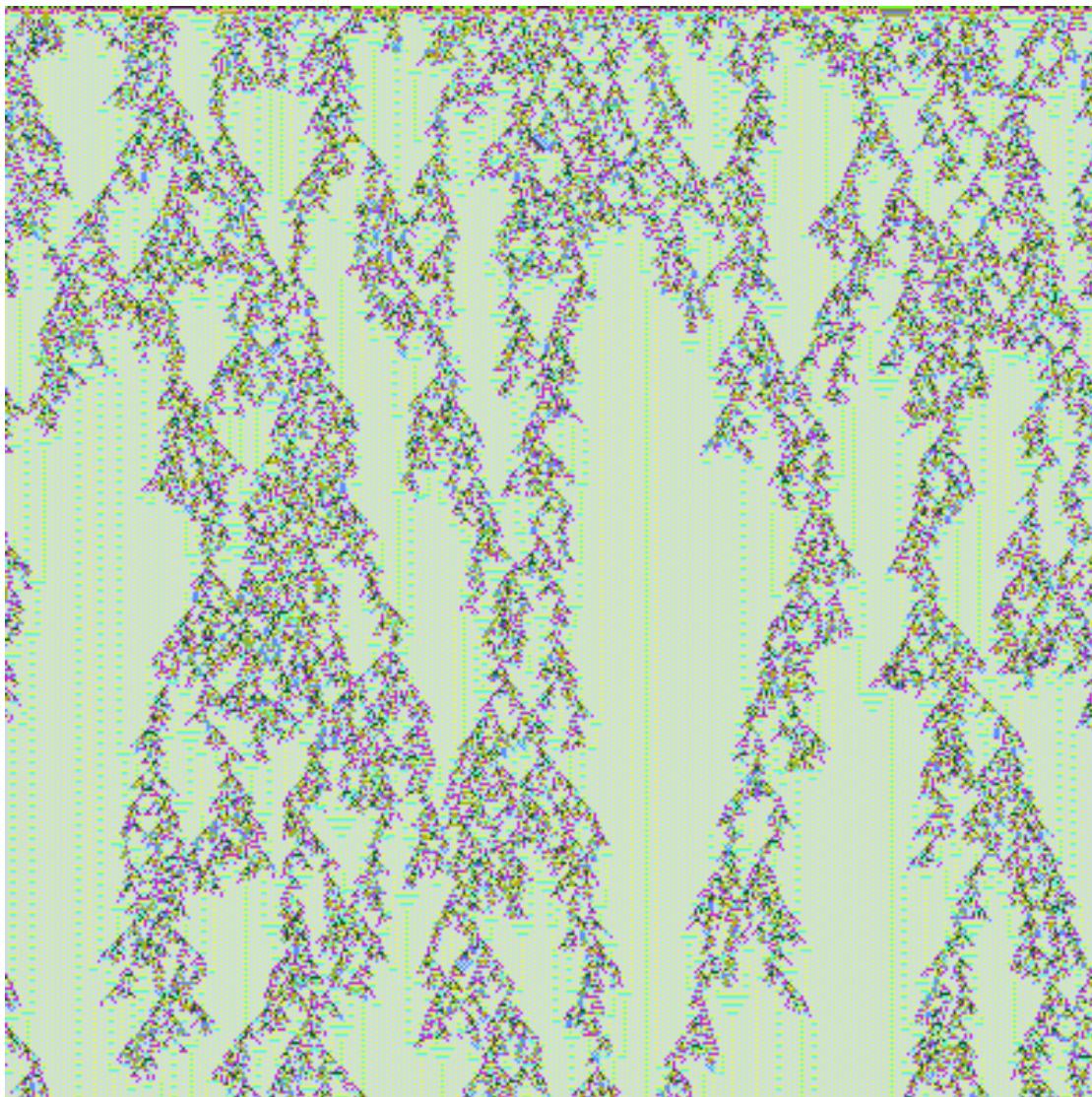
```
In[5309]:= Image[ArrayPlot[CellularAutomaton[  
  {4 907 399 734 353 272 848 494 038 254 054 069 571 479 598 881, {14, 1}, 1},  
  RandomInteger[1, 400], 400], ImageSize -> Large,  
  ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[], 7 -> RandomColor[],  
  8 -> RandomColor[], 9 -> RandomColor[], 10 -> RandomColor[], 11 -> RandomColor[],  
  12 -> RandomColor[], 13 -> RandomColor[], 14 -> RandomColor[],  
  15 -> RandomColor[], 16 -> RandomColor[], 17 -> RandomColor[]}, Frame -> False]]
```



```
In[5310]:= Image[ArrayPlot[CellularAutomaton[  
{4 008 128 104 133 267 804 930 402 085 069 465 413 901 753 866, {14, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[], 7 -> RandomColor[],  
8 -> RandomColor[], 9 -> RandomColor[], 10 -> RandomColor[], 11 -> RandomColor[],  
12 -> RandomColor[], 13 -> RandomColor[], 14 -> RandomColor[],  
15 -> RandomColor[], 16 -> RandomColor[], 17 -> RandomColor[]}, Frame -> False]]
```



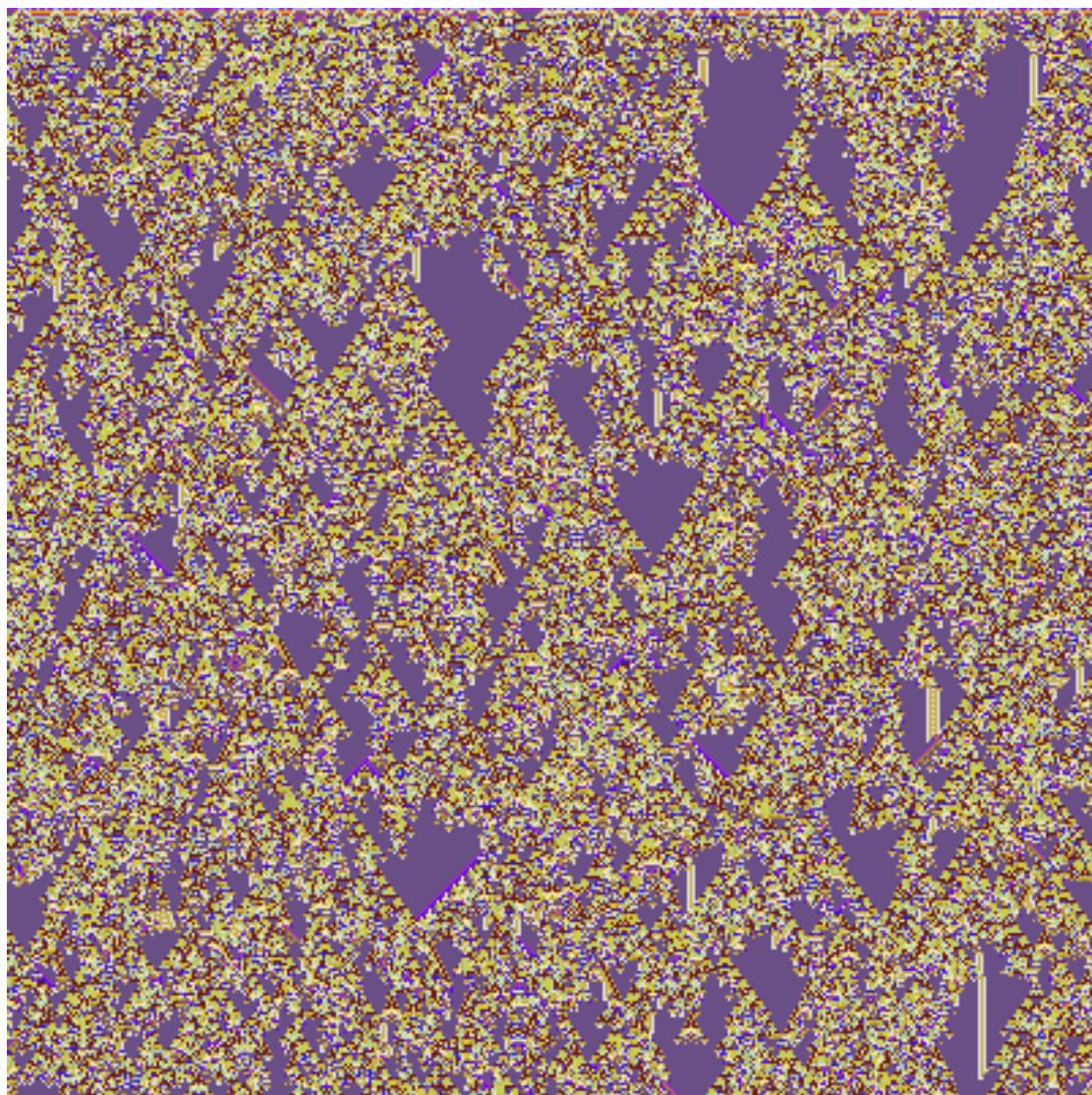
```
In[5313]:= Image[ArrayPlot[CellularAutomaton[  
{2 063 850 678 658 703 322 976 745 028 917 188 088 675 076 709, {14, 1}, 1},  
RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[], 7 -> RandomColor[],  
8 -> RandomColor[], 9 -> RandomColor[], 10 -> RandomColor[], 11 -> RandomColor[],  
12 -> RandomColor[], 13 -> RandomColor[], 14 -> RandomColor[],  
15 -> RandomColor[], 16 -> RandomColor[], 17 -> RandomColor[]}, Frame -> False]]
```



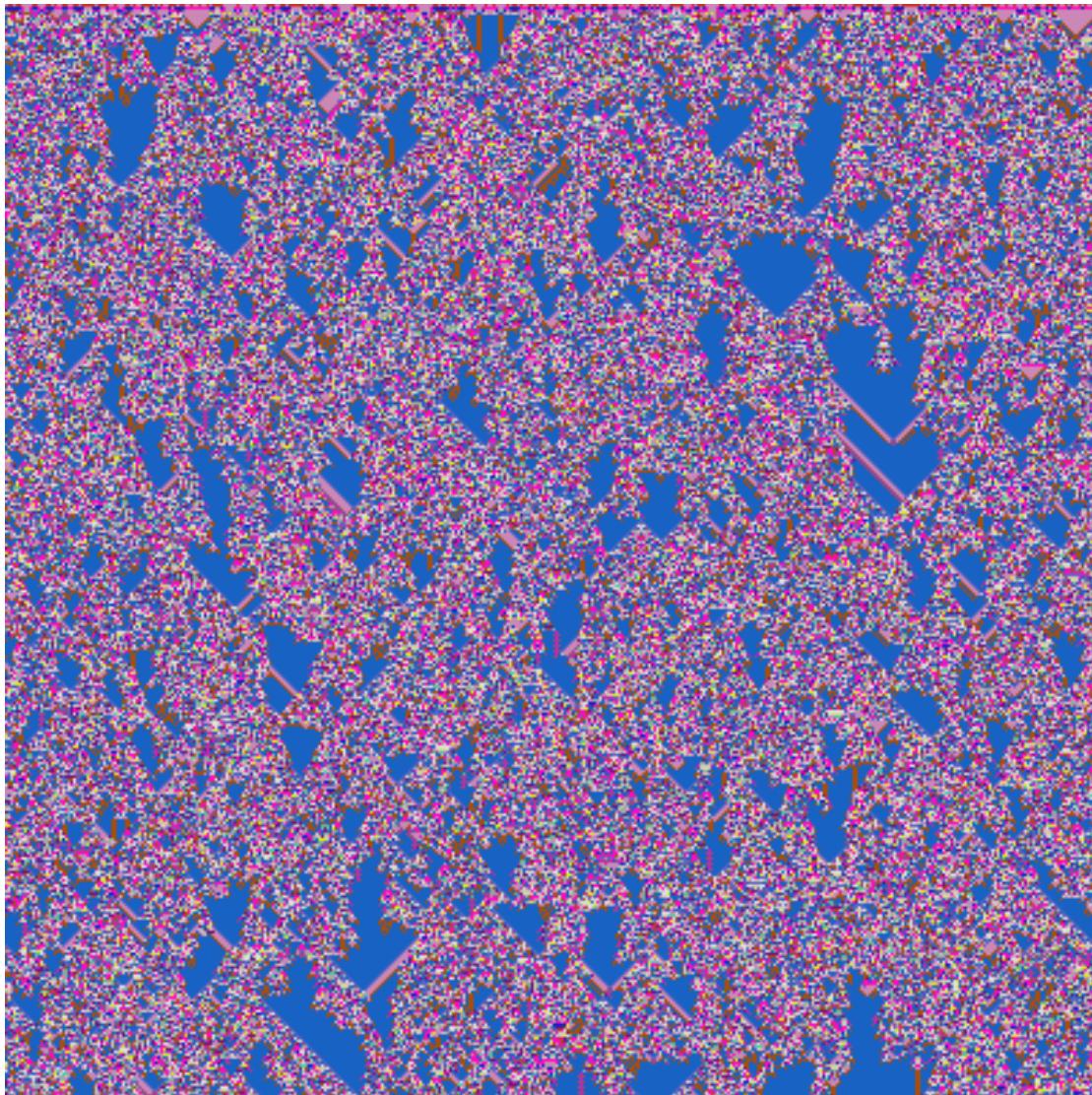
## 18-Colour Totalistic, Range 1

```
In[3016]:= Image[ArrayPlot[CellularAutomaton[  
{100 432 709 745 221 968 471 400 004 161 272 421 785 313 175 864 424 392 860 092 443 780,  
{18, 1}, 1], RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[], 7 -> RandomColor[],  
8 -> RandomColor[], 9 -> RandomColor[], 10 -> RandomColor[], 11 -> RandomColor[],  
12 -> RandomColor[], 13 -> RandomColor[], 14 -> RandomColor[],  
15 -> RandomColor[], 16 -> RandomColor[], 17 -> RandomColor[]}, Frame -> False]]
```

Out[3016]=



```
In[3019]:= Image[ArrayPlot[CellularAutomaton[  
{105 981 239 442 692 171 040 307 215 500 165 460 050 735 782 946 669 540 434 861 001 557,  
{18, 1}, 1], RandomInteger[1, 400], 400], ImageSize -> Large,  
ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[], 7 -> RandomColor[],  
8 -> RandomColor[], 9 -> RandomColor[], 10 -> RandomColor[], 11 -> RandomColor[],  
12 -> RandomColor[], 13 -> RandomColor[], 14 -> RandomColor[],  
15 -> RandomColor[], 16 -> RandomColor[], 17 -> RandomColor[]}, Frame -> False]]
```



```
In[3024]:= Image[ArrayPlot[CellularAutomaton[  
  {48, 707, 525, 714, 524, 878, 716, 517, 127, 579, 370, 682, 054, 079, 882, 568, 456, 080, 106, 934, 725, 549},  
  {18, 1}, 1], RandomInteger[1, 400], 400], ImageSize -> Large,  
 ColorRules -> {0 -> RandomColor[], 1 -> RandomColor[], 3 -> RandomColor[],  
  4 -> RandomColor[], 5 -> RandomColor[], 6 -> RandomColor[], 7 -> RandomColor[],  
  8 -> RandomColor[], 9 -> RandomColor[], 10 -> RandomColor[], 11 -> RandomColor[],  
  12 -> RandomColor[], 13 -> RandomColor[], 14 -> RandomColor[],  
  15 -> RandomColor[], 16 -> RandomColor[], 17 -> RandomColor[]}, Frame -> False]]
```

