

```
--getpattline <pos>          Read pattern RGB value at pos
--savepattern                Save color pattern to flash (mk2)
--play <1/0,pos>            Start playing color sequence (at pos)
--play <1/0,start,end,cnt>   Playing color sequence sub-loop (mk2)
--playpattern <patternstr>   Play Blink1Control pattern string
--servertickle <1/0>[,1/0]   Turn on/off servertickle (w/on/off, uses -t msec)
--chase, --chase=<num,start,stop> Multi-LED chase effect. <num>=0 runs forever.
--random, --random=<num>     Flash a number of random colors, num=1 if omitted
--glimmer, --glimmer=<num>   Glimmer a color with --rgb (num times)
```

Nerd functions: (not used normally)

```
--eeread <addr>             Read an EEPROM byte from blink(1)
--eewrite <addr>,<val>      Write an EEPROM byte to blink(1)
--fwversion                 Display blink(1) firmware version
--version                  Display blink1-tool version info
```

and [options] are:

```
-d dNums --id all|deviceIds Use these blink(1) ids (from --list)
-g -nogamma                 Disable autogamma correction
-m ms, --millis=millis     Set millisecs for color fading (default 300)
-q, --quiet                 Mutes all stdout output (supercedes --verbose)
-t ms, --delay=millis      Set millisecs between events (default 500)
-l <led>, --led=<led>       Set which LED in a mk2 to use, 0=all,1=top,2=bottom
-l 1,3,5,7                 Can also specify list of LEDs to light
-v, --verbose               verbose debugging msgs
```

Examples

```
blink1-tool -m 100 --rgb=255,0,255 # fade to #FF00FF in 0.1 seconds
blink1-tool -t 2000 --random=100   # every 2 seconds new random color
blink1-tool --ledn 2 --random=100  # random colors on both LEDs
blink1-tool --rgb 0xff,0x00,0x00 --blink 3 # blink red 3 times
blink1-tool --rgb '#FF9900'        # make blink1 pumpkin orange
blink1-tool --rgb FF9900 --ledn 2   # make blink1 pumpkin orange on
```

lower LED

```
blink1-tool --playpattern '10,#ff00ff,0.1,0,#00ff00,0.1,0'
blink1-tool --chase=5,3,18         # chase 5 times, on leds 3-18
```

Notes

- To blink a color with specific timing, specify 'blink' command last:  

```
blink1-tool -t 200 -m 100 --rgb ff00ff --blink 5
```
- If using several blink(1)s, use '-d all' or '-d 0,2' to select 1st,3rd:  

```
blink1-tool -d all -t 50 -m 50 -rgb 00ff00 --blink 10
```

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