

Recursive (Beta v1.014, Aug 2019, d430fa628c)

Made by Arrow Type. Type design by Stephen Nixon, with contributions from Katja Schimmel, Lisa Huang, and Rafał Buchner, plus early guidance from faculty and instructors for KABK TypeMedia 2018. Type mastering by Ben Kiel.

Book design by Math Practice.

Typeset with DrawBot by Stephen Nixon.

https://recursive.design

A highly customizable variable font for design, code, and UI.

Recursive is a versatile new variable font with five stylistic axes. These variation axes enable customizable control within five stylistic ranges: Proportion, Expression, Weight, Slant, and Italic. Carefully-planned named instances also allow selection within a set of predefined styles.

Recursive offers a range of personality, from a sturdy, rational Linear to a friendly, energetic Casual. It comes in two subfamilies: Mono & Sans. Within these subfamilies, characters maintain the exact same width across all font styles. This allows for smooth stylistic transitions

without affecting line length, enabling new levels of typographic flexibility & interactivity.

Recursive has been sponsored by Google Fonts, through which it will soon be released.

Recursive is released under the SIL Open Font License and can be freely used in or adapted for any project.

Flip the pages to see Recursive in motion!

Google



Recursive Sans

Arrow Type

192

p 1.00 x 0.00 w 899.98

s -0.16 i 1.00



Recursive Sans Arr

Arrow Type

p 1.00 x 0.00 w 899.93

s -0.31 i 1.00



Recursive Sans Arrow Type

ow Type 190

1.00 р 0.00 Х w 899.85

s -0.47 i 1.00



Recursive Sans

Arrow Type

p 1.00 x 0.00 w 899.74

s -0.63 i 1.00



Recursive Sans Arrow

Arrow Type

1.00 р x 0.01 w 899.60

s -0.78 i 1.00



Recursive Sans

Arrow Type

p 1.00 x 0.01 w 899.42

s -0.94 i 1.00



Recursive Sans Arrow Type

p 1.00 x 0.01 w 899.21

s -1.10 i 1.00



Recursive Sans Arrow Type

p 1.00 x 0.01 w 898.98

s -1.26 i 1.00



Recursive Sans

Arrow Type

p 1.00 x 0.01 w 898.71

s -1.41 i 1.00



Recursive Sans

Arrow Type

p 1.00 x 0.02 w 898.41

s -1.57 i 1.00



Recursive Sans Arrow Type

w Type 182

p 1.00 x 0.02 w 898.09

s -1.73 i 1.00



Recursive Sans Arrow Type

w Tupe 181

1.00 р 0.02 Х

w 897.73 s -1.88 i 1.00



Recursive Sans Arrow Type

1.00 р 0.03 Х w 897.35

s -2.04 i 1.00



Recursive Sans

Arrow Type

p 1.00 x 0.03 w 896.93

> s -2.20 i 1.00



Recursive Sans

Arrow Type

p 1.00 x 0.04 w 896.49

> s -2.36 i 1.00



Recursive Sans Arrow Type

Type 177

p 1.00 x 0.04

w 896.02 s -2.51 i 1.00



Recursive Sans Arrow Type 176

p 1.00 x 0.05 w 895.53 s -2.67



Recursive Sans Ari

Arrow Type

175

p 1.00 x 0.05

w 895.01 s -2.83 i 1.00



Recursive Sans Arrow

Arrow Type

p 1.00 x 0.06 w 894.46

> s -2.98 i 1.00



Recursive Sans Arroi

Arrow Type

p 1.00 x 0.06 w 893.88 s -3.14



Recursive Sans Arrow Type

ow Type 172

p 1.00 x 0.07 w 893.28

> s -3.30 i 1.00



Recursive Sans Arrow Type

w Type 171

p 1.00 x 0.07 w 892.65 s -3.45



Recursive Sans Arrow Type

w Type 170

1.00 р 0.08 Х w 892.00

> s -3.61 i 1.00



Recursive Sans

Arrow Type

p 1.00 x 0.09

w 891.32 s -3.77



Recursive Sans Arrow Type

v Tupe 168

p 1.00 x 0.09 w 890.62

> s -3.93 i 1.00



Recursive Sans

Arrow Type

p 1.00 x 0.10 w 889.89

> s -4.08 i 1.00

> > 166



Recursive Sans Arrow Type

1.00 р 0.11 Х w 889.14

> s -4.24 i 1.00



Recursive Sans

Arrow Type

p 1.00 x 0.12 w 888.36 s -4.40 i 1.00



1.00 р x 0.13 w 887.57 s -4.55



Recursive Sans

Arrow Type

163

p 1.00 x 0.13 w 886.75 s -4.71



Recursive Sans Arrow Type

ow Tupe

162

p 1.00 x 0.14 w 885.90 s -4.87

i 1.00

161



Arrow Type

Recursive Sans

p 1.00 x 0.15 w 885.04 s -5.03 i 1.00



Recursive Sans Arrow Type

1.00 р x 0.16 w 884.15 s -5.18 i 1.00



Recursive Sans

Arrow Type

1.00 р x 0.17 w 883.24 s -5.34



Recursive Sans

Arrow Type

158

i 1.00 p 1.00 x 0.18 w 882.31 s -5.50

i 1.00

157



Arrow Type

Recursive Sans

1.00 р x 0.19 w 881.36

> s -5.65 i 1.00



Recursive Sans

Arrow Type

p 1.00 x 0.20 w 880.39

> s -5.81 i 1.00



Recursive Sans

Arrow Type

w 879.40 s -5.97



Recursive Sans

Arrow Type

154

p 1.00 0.22 Х

w 878.39 s -6.12



Recursive Sans

Arrow Type

153

p 1.00 x 0.23 w 877.36

s -6.28 i 1.00



Recursive Sans

Arrow Type

1.00 р x 0.24 w 876.31 s -6.44



Recursive Sans

Arrow Type

151

i 1.00

w 875.24 s -6.60

Arrow Type

i 1.00

150



Recursive Sans

1.00 р 0.26 х

w 874.15 s -6.75



Recursive Sans

Arrow Type

149

i 1.00

w 873.05 s -6.91



Recursive Sans

Arrow Type

148

w 871.93 s -7.07



Recursive Sans

Arrow Type

147

s **-7.**22



Recursive Sans

Arrow Type

146

w 870.79

w 869.63

s -7.38 i 1.00



Recursive Sans Arro

Arrow Type

w 868.45 s -7.54

Recursive Sans

Arrow Type

144

w 867.26

s -7.70 i 1.00



Recursive Sans

Arrow Type

p 1.00 x 0.34 w 866.06

w 866.06 s -7.85 i 1.00



Recursive Sans

Arrow Type

p 1.00 x 0.35 w 864.84 s -8.01 i 1.00



w 863.60 s -8.17 i 1.00



Recursive Sans

Arrow Type

w 862.35

s -8.32 i 1.00



Recursive Sans

Arrow Type

p 1.00 x 0.39 w 861.08

s -8.48 i 1.00



Recursive Sans

Arrow Type

w 859.80

s -8.64 i 1.00



Recursive Sans

Arrow Type

1.00 р 0.42 Х w 858.50 -8.79

s

Recursive Sans

Arrow Type

136

i 1.00

w 857.19

s -8.95 i 1.00



Recursive Sans

Arrow Type

w 855.87

s -9.11 i 1.00



Recursive Sans

Arrow Type

w 854.54

s -9.27 i 1.00



Recursive Sans

Arrow Type

p 1.00 x 0.47 w 853.19

s -9.42 i 1.00



p 1.00 x 0.48 w 851.83 s -9.58 i 1.00



p 1.00 x 0.50 w 850.46 s -9.74 i 1.00



Recursive Sans

Arrow Type

p 1.00 x 0.51 w 849.08 s -9.89

i

1.00



w 847.68

s -10.05 i 1.00



Recursive Sans

Arrow Type

w 846.28

s -10.21 i 1.00



Recursive Sans

Arrow Type

w 844.86

s -10.37 i 1.00



Recursive Sans

Arrow Type

w 843.44

s -10.52 i 1.00



Recursive Sans

Arrow Type

1.00 р 0.58

w 842.00

s -10.68 i 1.00



Х

Recursive Sans

Arrow Type

w 840.55

s -10.84 i 1.00



Recursive Sans

Arrow Type

w 839.10

s -10.99 i 1.00



Recursive Sans

Arrow Type

w 837.64

s -11.15 i 1.00



Recursive Sans

Arrow Type

p 1.00 x 0.64 w 836.17 s -11.31

i 1.00



Recursive Sans

Arrow Type

p 1.00 x 0.65 w 834.69

s -11.46 i 1.00



w 833.20

s -11.62 i 1.00



Recursive Sans

Arrow Type

p 1.00 x 0.68 w 831.70

s -11.78 i 1.00



Recursive Sans

Arrow Type

w 830.20 s -11.94 i 1.00



Recursive Sans

Arrow Type

p 1.00

x 0.71 w 828.69

> s -12.09 i 1.00



Recursive Sans

Arrow Type

w 82**7.1**8

s -12.25 i 1.00



Recursive Sans

Arrow Type

p 1.00 x 0.74 w 825.66 s -12.41 i 1.00



p 1.00 x 0.76 w 824.13 s -12.56

i

1.00



Recursive Sans

Arrow Type

p 1.00 x 0.77 w 822.60 s -12.72

i

1.00



Recursive Sans

Arrow Type

p 1.00 x 0.79 w 821.06 s -12.88

i

1.00



p 1.00 x 0.80 w 819.52 s -13.04 i 1.00



p 1.00 x 0.82 w 817.98 s -13.19 i 1.00



p 1.00 x 0.84 w 816.43 s -13.35 i 1.00



```
p 1.00
x 0.85
w 814.87
s -13.51
i 1.00
```



p 1.00 x 0.87 w 813.32 s -13.66 i 1.00



p 1.00 x 0.88 w 811.76 s -13.82 i 1.00



p 1.00 x 0.90 w 810.19 s -13.98 i 1.00



```
p 1.00
x 0.91
w 808.63
s -14.14
i 1.00
```



p 1.00 x 0.93 w 807.06 s -14.29 i 1.00



```
p 1.00
x 0.94
w 805.49
s -14.45
i 1.00
```



p 1.00 x 0.96 w 803.93 s -14.61 i 1.00



p 1.00 x 0.98 w 802.36 s -14.76 i 1.00



p 1.00 x 0.99 w 800.79 s -14.92 i 1.00



p 1.00 x 0.99 w 796.07

s -14.92

i 0.00



Recursive Sans

Arrow Type

p 1.00 x 0.98 w 788.22

s -14.76

i 0.00



Recursive Sans

Arrow Type

p 1.00 x 0.96 w 780.37

s -14.61

i 0.00



Recursive Sans

Arrow Type

p 1.00 x 0.94 w 772.53 s -14.45

i 0.00



Recursive Sans

Arrow Type

p 1.00 x 0.93 w 764.69 s -14.29

i 0.00



Recursive Sans

Arrow Type

p 1.00 x 0.91 w 756.85 s -14.14

i 0.00



Recursive Sans

Arrow Type

p 1.00 x 0.90 w 749.03

s -13.98

i 0.00



Recursive Sans

Arrow Type

p 1.00 x 0.88 w 741.22

s -13.82 i 0.00



Recursive Sans Ar

Arrow Type

 $\begin{array}{ccc} & & p & 1.00 \\ & x & 0.87 \\ & & 733.42 \\ & & s & -13.66 \end{array}$

i 0.00



Recursive Sans

Arrow Type

 $\begin{array}{ccc} & & p & 1.00 \\ & x & 0.85 \\ \text{w } 725.64 & & \\ & \text{s } -13.51 \end{array}$

i 0.00



Recursive Sans

Arrow Type

p 1.00 x 0.84 w 717.87 s -13.35

i 0.00



Recursive Sans

Arrow Type

 $\begin{array}{ccc} & & p & 1.00 \\ x & 0.82 \\ w & 710.12 & \\ & & s & -13.19 \end{array}$

i 0.00



Recursive Sans

Arrow Type

 $\begin{array}{ccc} & & p & 1.00 \\ & x & 0.80 \\ & 702.39 & \\ & & s & -13.04 \end{array}$

i 0.00



Recursive Sans

Arrow Type

 $\begin{array}{ccc} & & p & 1.00 \\ x & 0.79 & \\ w & 694.69 & \\ & & s & -12.88 & \end{array}$

i 0.00



Recursive Sans

Arrow Type

p 1.00 x 0.77 w 687.00

s -12.72



Recursive Sans

i

0.00

Arrow Type

p 1.00 x 0.76

w 679.34

s -12.56

i 0.00



Recursive Sans

Arrow Type

x 0.74 w 671.71

s -12.41

i 0.00



Recursive Sans

Arrow Type

x 0.73

w 664.10

s -12.25

i 0.00



Recursive Sans

Arrow Type

x 0.71 w 656.53

s -12.09

i 0.00



Recursive Sans

Arrow Type

x 0.70 w 648.99

s -11.94

i 0.00



Recursive Sans

Arrow Type

x 0.68 w 641.48

s -11.78

i 0.00



Recursive Sans

Arrow Type

1.00 р

0.67 х w 634.00

s -11.62 i 0.00



Recursive Sans

Arrow Type

x 0.65 w 626.57

s -11.46

i 0.00



Recursive Sans

Arrow Type

x 0.64 w 619.17

s -11.31

i 0.00



Recursive Sans

Arrow Type

x 0.62 w 611.81

s -11.15

i 0.00



Recursive Sans

Arrow Type

x 0.61 w 604.50

s -10.99

i 0.00



Recursive Sans

Arrow Type

x 0.59 w 597.23

s -10.84

i 0.00



Recursive Sans

Arrow Type

x 0.58

w 590.00 s -10.68

i 0.00



Recursive Sans

Arrow Type

x 0.57

w 582.82

s -10.52

i 0.00



Recursive Sans

Arrow Type

x 0.55 w 575.69

s -10.37

i 0.00



Recursive Sans

Arrow Type

x 0.54 w 568.62

s -10.21

i 0.00



Recursive Sans

Arrow Type

x 0.52

w 561.59

s -10.05

i 0.00



Recursive Sans

Arrow Type

x 0.51

w 554.62

s -9.89

i 0.00



Recursive Sans

Arrow Type

x 0.50 w 547.70

s -9.74

i 0.00



Recursive Sans

Arrow Type

x 0.48 w 540.84

s - 9.58

i 0.00



Recursive Sans

Arrow Type

x 0.47 w 534.05

s -9.42

i 0.00



Recursive Sans

Arrow Type

x 0.45 w 527.31

s -9.27

i 0.00



Recursive Sans

Arrow Type

x 0.44 w 520.63

s -9.11

i 0.00



Recursive Sans

Arrow Type

x 0.43 w 514.02

s -8.95

i 0.00



Recursive Sans

Arrow Type

x 0.42 w 507.48

s -8.79

i 0.00



Recursive Sans

Arrow Type

x 0.40 w 501.01

s -8.64

i 0.00



Recursive Sans

Arrow Type

x 0.39 w 494.60

s -8.48

r_I/

Recursive Sans

i

0.00

Arrow Type

x 0.38 w 488.27

s -8.32



Recursive Sans

i

0.00

Arrow Type

x 0.36 w 482.00

s -8.17

i 0.00



Recursive Sans

Arrow Type

x 0.35 w 475.82

s -8.01



Recursive Sans

i

0.00

Arrow Type

x 0.34 w 469.71

s -7.85

i 0.00



Recursive Sans

Arrow Type

x 0.33 w 463.68

s -7.70

i 0.00



Recursive Sans

Arrow Type

x 0.32 w 457.73

s -7.54

i 0.00



Recursive Sans

Arrow Type

p 1.00 x 0.30

x 0.30 w 451.86

s -7.38

i 0.00



Recursive Sans

Arrow Type

x 0.29 w 446.07

s -7.22

i 0.00



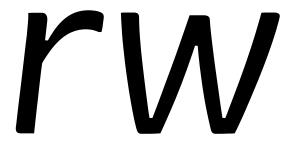
Recursive Sans

Arrow Type

x 0.28 w 440.37

s -7.07

i 0.00



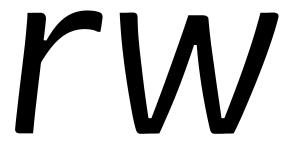
Recursive Sans

Arrow Type

x 0.27 w 434.76

s -6.91

i 0.00



Recursive Sans

Arrow Type

x 0.26 w 429.23

s -6.75

i 0.00



Recursive Sans

Arrow Type

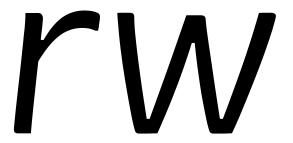
x 0.25 w 423.80

s -6.60



p 1.00 x 0.24 w 418.45

s -6.44



Recursive Sans

i

0.00

Arrow Type

x 0.23 w 413.21

s -6.28



x 0.22 w 408.05

s -6.12

i 0.00



Recursive Sans

Arrow Type

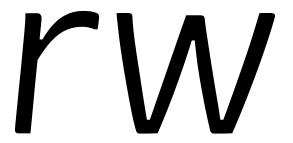
x 0.21 w 403.00

s -5.97



x 0.20 w 398.04

s -5.81



x 0.19 w 393.19

s -5.65



x 0.18 w 388.43

s -5.50

i 0.00



Recursive Sans

Arrow Type

x 0.17 w 383.78

s -5.34



x 0.16 w 379.24

s -5.18



x 0.15 w 374.80

s -5.03



x 0.14 w 370.48

s -4.87



x 0.13 w 366.26

s -4.71



x 0.13 w 362.16 s -4.55 i 0.00



Recursive Sans

Arrow Type

x 0.12 w 358.17

s -4.40

i 0.00



Recursive Sans

Arrow Type

x 0.11 w 354.30

s -4.24

i 0.00



Recursive Sans

Arrow Type

x 0.10 w 350.55 s -4.08



x 0.09 w 346.91 s -3.93



x 0.09 w 343.40 s -3.77 0.00

i



x 0.08 w 340.01 s -3.61 i 0.00



x 0.07 w 336.75 s -3.45 i 0.00



x 0.07 w 333.61 s -3.30 i 0.00



x 0.06 w 330.60 s -3.14 i 0.00



x 0.06 w 327.72 s -2.98 i 0.00



x 0.05 w 324.97 s -2.83 i 0.00



x 0.05 w 322.36 s -2.67 i 0.00



```
p 1.00
```

x 0.04 w 319.88 s -2.51 i 0.00



x 0.04 w 317.54 s -2.36 i 0.00



x 0.03 w 315.33 s -2.20 i 0.00



x 0.03 w 313.27 s -2.04 i 0.00



x 0.02 w 311.35 s -1.88 i 0.00



x 0.02 w 309.57 s -1.73 i 0.00



x 0.02 w 307.94 s -1.57 i 0.00



x 0.01 w 306.45 s -1.41 i 0.00



x 0.01 w 305.12 s -1.26 i 0.00



```
p 1.00
```

x 0.01
w 303.93
s -1.10
i 0.00



 $\begin{array}{ccc} x & 0.01 \\ w & 302.90 \\ & s & -0.94 \\ i & 0.00 \end{array}$



1.00 р

0.01 w 302.02 s -0.78 i 0.00

Х



x 0.00 w 301.30 s -0.63 i 0.00



x 0.00 w 300.73 s -0.47 i 0.00



x 0.00 w 300.33 s -0.31 i 0.00



x 0.00 w 300.08 s -0.16 i 0.00



x 0.00 w 300.00 s 0.00 i 0.00









