

Recursive (Aug 2019, 220cc2f41)

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

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.

Google

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.

Flip the pages to see Recursive in action!

Proportion	1.00
Expression	0.00
Weight	300.00
Slant	0.00
Italic	0.00



Proportion	1.00
Expression	0.00
Weight	300.08
Slant	-0.16
Italic	0.00



Proportion	1.00
Expression	0.00
Weight	300.33
Slant	-0.31
Italic	0.00



Proportion	1.00
Expression	0.00
Weight	300.73
Slant	-0.47
Italic	0.00



Proportion	1.00
Expression	0.00
Weight	301.30
Slant	-0.63
Italic	0.00



Proportion	1.00
Expression	0.01
Weight	302.02
Slant	-0.78
Italic	0.00



Proportion	1.00
Expression	0.01
Weight	302.90
Slant	-0.94
Italic	0.00



Proportion	1.00
Expression	0.01
Weight	303.93
Slant	-1.10
Italic	0.00



Proportion	1.00
Expression	0.01
Weight	305.12
Slant	-1.26
Italic	0.00



Proportion	1.00
Expression	0.01
Weight	306.45
Slant	-1.41
Italic	0.00



Proportion	1.00
Expression	0.02
Weight	307.94
Slant	-1.57
Italic	0.00



Proportion	1.00
Expression	0.02
Weight	309.57
Slant	-1.73
Italic	0.00



Proportion	1.00
Expression	0.02
Weight	311.35
Slant	-1.88
Italic	0.00



Proportion	1.00
Expression	0.03
Weight	313.27
Slant	-2.04
Italic	0.00



Proportion	1.00
Expression	0.03
Weight	315.33
Slant	-2.20
Italic	0.00



Proportion	1.00
Expression	0.04
Weight	317.54
Slant	-2.36
Italic	0.00



Proportion	1.00
Expression	0.04
Weight	319.88
Slant	-2.51
Italic	0.00



Proportion	1.00
Expression	0.05
Weight	322.36
Slant	-2.67
Italic	0.00



Proportion	1.00
Expression	0.05
Weight	324.97
Slant	-2.83
Italic	0.00



Proportion	1.00
Expression	0.06
Weight	327.72
Slant	-2.98
Italic	0.00



Proportion	1.00
Expression	0.06
Weight	330.60
Slant	-3.14
Italic	0.00



Proportion	1.00
Expression	0.07
Weight	333.61
Slant	-3.30
Italic	0.00



Proportion	1.00
Expression	0.07
Weight	336.75
Slant	-3.45
Italic	0.00



Proportion	1.00
Expression	0.08
Weight	340.01
Slant	-3.61
Italic	0.00



Proportion	1.00
Expression	0.09
Weight	343.40
Slant	-3.77
Italic	0.00



Proportion	1.00
Expression	0.09
Weight	346.91
Slant	-3.93
Italic	0.00



Proportion	1.00
Expression	0.10
Weight	350.55
Slant	-4.08
Italic	0.00



Proportion	1.00
Expression	0.11
Weight	354.30
Slant	-4.24
Italic	0.00



Proportion	1.00
Expression	0.12
Weight	358.17
Slant	-4.40
Italic	0.00



Proportion	1.00
Expression	0.13
Weight	362.16
Slant	-4.55
Italic	0.00



Proportion	1.00
Expression	0.13
Weight	366.26
Slant	-4.71
Italic	0.00



Proportion	1.00
Expression	0.14
Weight	370.48
Slant	-4.87
Italic	0.00



Proportion	1.00
Expression	0.15
Weight	374.80
Slant	-5.03
Italic	0.00



Proportion	1.00
Expression	0.16
Weight	379.24
Slant	-5.18
Italic	0.00



Proportion	1.00
Expression	0.17
Weight	383.78
Slant	-5.34
Italic	0.00



Proportion	1.00
Expression	0.18
Weight	388.43
Slant	-5.50
Italic	0.00



Proportion	1.00
Expression	0.19
Weight	393.19
Slant	-5.65
Italic	0.00



Proportion	1.00
Expression	0.20
Weight	398.04
Slant	-5.81
Italic	0.00



Proportion	1.00
Expression	0.21
Weight	403.00
Slant	-5.97
Italic	0.00



Proportion	1.00
Expression	0.22
Weight	408.05
Slant	-6.12
Italic	0.00



Proportion	1.00
Expression	0.23
Weight	413.21
Slant	-6.28
Italic	0.00



Proportion	1.00
Expression	0.24
Weight	418.45
Slant	-6.44
Italic	0.00



Proportion	1.00
Expression	0.25
Weight	423.80
Slant	-6.60
Italic	0.00



Proportion	1.00
Expression	0.26
Weight	429.23
Slant	-6.75
Italic	0.00



Proportion	1.00	
Expression	0.27	
Weight	434.76	
Slant	-6.91	
Italic	0.00	



Proportion	1.00
Expression	0.28
Weight	440.37
Slant	-7.07
Italic	0.00



Proportion	1.00
Expression	0.29
Weight	446.07
Slant	-7.22
Italic	0.00



Proportion	1.00
Expression	0.30
Weight	451.86
Slant	-7.38
Italic	0.00



Proportion	1.00
Expression	0.32
Weight	457.73
Slant	-7.54
Italic	0.00



Proportion	1.00
Expression	0.33
Weight	463.68
Slant	-7.70
Italic	0.00



Proportion	1.00
Expression	0.34
Weight	469.71
Slant	-7.85
Italic	0.00



Proportion	1.00
Expression	0.35
Weight	475.82
Slant	-8.01
Italic	0.00



Proportion	1.00
Expression	0.36
Weight	482.00
Slant	-8.17
Italic	0.00



Proportion	1.00
Expression	0.38
Weight	488.27
Slant	-8.32
Italic	0.00



Proportion	1.00
Expression	0.39
Weight	494.60
Slant	-8.48
Italic	0.00



Proportion	1.00
Expression	0.40
Weight	501.01
Slant	-8.64
Italic	0.00



Recursive Sans

Arrow Type

56

Proportion	1.00
Expression	0.42
Weight	507.48
Slant	-8.79
Italic	0.00



Proportion	1.00
Expression	0.43
Weight	514.02
Slant	-8.95
Italic	0.00



Proportion	1.00
Expression	0.44
Weight	520.63
Slant	-9.11
Italic	0.00



Recursive Sans

Arrow Type

59

Proportion	1.00
Expression	0.45
Weight	527.31
Slant	-9.27
Italic	0.00



Proportion	1.00
Expression	0.47
Weight	534.05
Slant	-9.42
Italic	0.00



Proportion	1.00
Expression	0.48
Weight	540.84
Slant	-9.58
Italic	0.00



Proportion	1.00
Expression	0.50
Weight	547.70
Slant	-9.74
Italic	0.00



Proportion	1.00
Expression	0.51
Weight	554.62
Slant	-9.89
Italic	0.00



Recursive Sans

Arrow Type

64

Proportion	1.00
Expression	0.52
Weight	561.59
Slant	-10.05
Italic	0.00



Proportion	1.00
Expression	0.54
Weight	568.62
Slant	-10.21
Italic	0.00



Proportion	1.00
Expression	0.55
Weight	575.69
Slant	-10.37
Italic	0.00



Proportion	1.00
Expression	0.57
Weight	582.82
Slant	-10.52
Italic	0.00



Proportion	1.00
Expression	0.58
Weight	590.00
Slant	-10.68
Italic	0.00



Proportion	1.00
Expression	0.59
Weight	597.23
Slant	-10.84
Italic	0.00



Proportion	1.00
Expression	0.61
Weight	604.50
Slant	-10.99
Italic	0.00



Proportion	1.00
Expression	0.62
Weight	611.81
Slant	-11.15
Italic	0.00



Proportion	1.00
Expression	0.64
Weight	619.17
Slant	-11.31
Italic	0.00



Proportion	1.00
Expression	0.65
Weight	626.57
Slant	-11.46
Italic	0.00



Proportion	1.00
Expression	0.67
Weight	634.00
Slant	-11.62
Italic	0.00



Proportion	1.00
Expression	0.68
Weight	641.48
Slant	-11.78
Italic	0.00



Proportion	1.00
Expression	0.70
Weight	648.99
Slant	-11.94
Italic	0.00



Proportion	1.00
Expression	0.71
Weight	656.53
Slant	-12.09
Italic	0.00



Proportion	1.00
Expression	0.73
Weight	664.10
Slant	-12.25
Italic	0.00



Proportion	1.00
Expression	0.74
Weight	671.71
Slant	-12.41
Italic	0.00



Proportion	1.00
Expression	0.76
Weight	679.34
Slant	-12.56
Italic	0.00



Proportion	1.00
Expression	0.77
Weight	687.00
Slant	-12.72
Italic	0.00



Proportion	1.00
Expression	0.79
Weight	694.69
Slant	-12.88
Italic	0.00



Proportion	1.00
Expression	0.80
Weight	702.39
Slant	-13.04
Italic	0.00



Proportion	1.00
Expression	0.82
Weight	710.12
Slant	-13.19
Italic	0.00



Proportion	1.00
Expression	0.84
Weight	717.87
Slant	-13.35
Italic	0.00



Proportion	1.00
Expression	0.85
Weight	725.64
Slant	-13.51
Italic	0.00



Proportion	1.00
Expression	0.87
Weight	733.42
Slant	-13.66
Italic	0.00



Proportion	1.00
Expression	0.88
Weight	741.22
Slant	-13.82
Italic	0.00



Proportion	1.00
Expression	0.90
Weight	749.03
Slant	-13.98
Italic	0.00



Proportion	1.00
Expression	0.91
Weight	756.85
Slant	-14.14
Italic	0.00



Proportion	1.00
Expression	0.93
Weight	764.69
Slant	-14.29
Italic	0.00



Proportion	1.00
Expression	0.94
Weight	772.53
Slant	-14.45
Italic	0.00



Proportion	1.00
Expression	0.96
Weight	780.37
Slant	-14.61
Italic	0.00



Proportion	1.00
Expression	0.98
Weight	788.22
Slant	-14.76
Italic	0.00



Proportion	1.00
Expression	0.99
Weight	796.07
Slant	-14.92
Italic	0.00



Proportion	1.00
Expression	0.99
Weight	800.79
Slant	-14.92
Italic	1.00



Proportion	1.00
Expression	0.98
Weight	802.36
Slant	-14.76
Italic	1.00



Proportion	1.00
Expression	0.96
Weight	803.93
Slant	-14.61
Italic	1.00



Proportion	1.00
Expression	0.94
Weight	805.49
Slant	-14.45
Italic	1.00



Proportion	1.00
Expression	0.93
Weight	807.06
Slant	-14.29
Italic	1.00



Proportion	1.00
Expression	0.91
Weight	808.63
Slant	-14.14
Italic	1.00



Proportion	1.00
Expression	0.90
Weight	810.19
Slant	-13.98
Italic	1.00



Proportion	1.00
Expression	0.88
Weight	811.76
Slant	-13.82
Italic	1.00



Recursive Sans

Arrow Type

104

Proportion	1.00
Expression	0.87
Weight	813.32
Slant	-13.66
Italic	1.00



Proportion	1.00
Expression	0.85
Weight	814.87
Slant	-13.51
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.84
Weight	816.43
Slant	-13.35
Italic	1.00



Proportion	1.00
Expression	0.82
Weight	817.98
Slant	-13.19
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.80
Weight	819.52
Slant	-13.04
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.79
Weight	821.06
Slant	-12.88
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.77
Weight	822.60
Slant	-12.72
Italic	1.00



Proportion	1.00
Expression	0.76
Weight	824.13
Slant	-12.56
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.74
Weight	825.66
Slant	-12.41
Italic	1.00



Proportion	1.00
Expression	0.73
Weight	827.18
Slant	-12.25
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.71
Weight	828.69
Slant	-12.09
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.70
Weight	830.20
Slant	-11.94
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.68
Weight	831.70
Slant	-11.78
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.67
Weight	833.20
Slant	-11.62
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.65
Weight	834.69
Slant	-11.46
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.64
Weight	836.17
Slant	-11.31
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.62
Weight	837.64
Slant	-11.15
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.61
Weight	839.10
Slant	-10.99
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.59
Weight	840.55
Slant	-10.84
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.58
Weight	842.00
Slant	-10.68
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.57
Weight	843.44
Slant	-10.52
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.55
Weight	844.86
Slant	-10.37
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.54
Weight	846.28
Slant	-10.21
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.52
Weight	847.68
Slant	-10.05
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.51
Weight	849.08
Slant	-9.89
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.50
Weight	850.46
Slant	-9.74
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.48
Weight	851.83
Slant	-9.58
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.47
Weight	853.19
Slant	-9.42
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.45
Weight	854.54
Slant	-9.27
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.44
Weight	855.87
Slant	-9.11
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.43
Weight	857.19
Slant	-8.95
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.42
Weight	858.50
Slant	-8.79
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.40
Weight	859.80
Slant	-8.64
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.39
Weight	861.08
Slant	-8.48
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.38
Weight	862.35
Slant	-8.32
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.36
Weight	863.60
Slant	-8.17
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.35
Weight	864.84
Slant	-8.01
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.34
Weight	866.06
Slant	-7.85
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.33
Weight	867.26
Slant	-7.70
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.32
Weight	868.45
Slant	-7.54
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.30
Weight	869.63
Slant	-7.38
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.29
Weight	870.79
Slant	-7.22
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.28
Weight	871.93
Slant	-7.07
Italic	1.00



Recursive Sans

Arrow Type

Proportion	1.00
Expression	0.27
Weight	873.05
Slant	-6.91
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.26
Weight	874.15
Slant	-6.75
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.25
Weight	875.24
Slant	-6.60
Italic	1.00



Recursive Sans

Arrow Type

Proportion	1.00
Expression	0.24
Weight	876.31
Slant	-6.44
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.23
Weight	877.36
Slant	-6.28
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.22
Weight	878.39
Slant	-6.12
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.21
Weight	879.40
Slant	-5.97
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.20
Weight	880.39
Slant	-5.81
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.19
Weight	881.36
Slant	-5.65
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.18
Weight	882.31
Slant	-5.50
Italic	1.00



Recursive Sans

Arrow Type

Proportion	1.00
Expression	0.17
Weight	883.24
Slant	-5.34
Italic	1.00



Recursive Sans

Arrow Type

Proportion	1.00
Expression	0.16
Weight	884.15
Slant	-5.18
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.15
Weight	885.04
Slant	-5.03
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.14
Weight	885.90
Slant	-4.87
Italic	1.00



Recursive Sans

Arrow Type

Proportion	1.00
Expression	0.13
Weight	886.75
Slant	-4.71
Italic	1.00



Recursive Sans

Arrow Type

Proportion	1.00
Expression	0.13
Weight	887.57
Slant	-4.55
Italic	1.00



Recursive Sans

Arrow Type

Proportion	1.00
Expression	0.12
Weight	888.36
Slant	-4.40
Italic	1.00



Recursive Sans

Arrow Type

Proportion	1.00
Expression	0.11
Weight	889.14
Slant	-4.24
Italic	1.00



Recursive Sans

Arrow Type

Proportion	1.00
Expression	0.10
Weight	889.89
Slant	-4.08
Italic	1.00



Recursive Sans

Arrow Type

Proportion	1.00
Expression	0.09
Weight	890.62
Slant	-3.93
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.09
Weight	891.32
Slant	-3.77
Italic	1.00



Recursive Sans

Arrow Type

Proportion	1.00
Expression	0.08
Weight	892.00
Slant	-3.61
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.07
Weight	892.65
Slant	-3.45
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.07
Weight	893.28
Slant	-3.30
Italic	1.00



Proportion	1.00
Expression	0.06
Weight	893.88
Slant	-3.14
Italic	1.00



Recursive Sans

Arrow Type

Proportion	1.00
Expression	0.06
Weight	894.46
Slant	-2.98
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.05
Weight	895.01
Slant	-2.83
Italic	1.00



Recursive Sans

Arrow Type

Proportion	1.00
Expression	0.05
Weight	895.53
Slant	-2.67
Italic	1.00



Recursive Sans

Arrow Type

Proportion	1.00
Expression	0.04
Weight	896.02
Slant	-2.51
Italic	1.00



Recursive Sans

Arrow Type

Proportion	1.00
Expression	0.04
Weight	896.49
Slant	-2.36
Italic	1.00



Recursive Sans

Arrow Type

Proportion	1.00
Expression	0.03
Weight	896.93
Slant	-2.20
Italic	1.00



Recursive Sans

Arrow Type

Proportion	1.00
Expression	0.03
Weight	897.35
Slant	-2.04
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.02
Weight	897.73
Slant	-1.88
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.02
Weight	898.09
Slant	-1.73
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.02
Weight	898.41
Slant	-1.57
Italic	1.00



Recursive Sans

Arrow Type

Proportion	1.00
Expression	0.01
Weight	898.71
Slant	-1.41
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.01
Weight	898.98
Slant	-1.26
Italic	1.00



Recursive Sans

Arrow Type

Proportion	1.00
Expression	0.01
Weight	899.21
Slant	-1.10
Italic	1.00



Recursive Sans

Arrow Type

Proportion	1.00
Expression	0.01
Weight	899.42
Slant	-0.94
Italic	1.00



Recursive Sans

Arrow Type

Proportion	1.00
Expression	0.01
Weight	899.60
Slant	-0.78
Italic	1.00



Recursive Sans

Arrow Type

Proportion	1.00
Expression	0.00
Weight	899.74
Slant	-0.63
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.00
Weight	899.85
Slant	-0.47
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.00
Weight	899.93
Slant	-0.31
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.00
Weight	899.98
Slant	-0.16
Italic	1.00



Arrow Type

Proportion	1.00
Expression	0.00
Weight	900.00
Slant	0.00
Italic	1.00



Arrow Type





