Converting Colors

RGB(48, 128, 253)

Have a look what the booklet for RGB(48, 128, 253) contains.

Color

RGB(48, 128, 253)

Conversions

Conversions Part 1

Format	Color
Hex	3080FD
RGB	48, 128, 253
RGB Percent	19%, 50%, 99%
CMY	0.8118, 0.4980, 0.0078
CMYK	0.81, 0.49, 0.00, 0.01
HSL	217°, 98%, 59%
HSV	217°, 81%, 99%
XYZ	26.6677, 23.1586, 95.9930
YIQ	118.3300, -87.8050, 21.9150

Conversions

Conversions Part 2

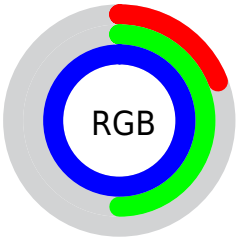
Format	Color
RYB	48, 106, 253
Decimal	3178749
CIELab	55.24, 20.28, -68.95
CIELCh	55, 71.875, 286.390
Yxy	23.1586, 0.1829, 0.1588
Android (android.graphics.Color)	4281368829 (0xFF3080FD)
YUV	118.3300, 66.3923, -61.6794
Hunter-Lab	48.1234, 14.7005, -84.5811

Details

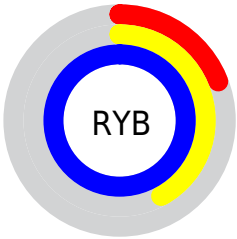
The RGB color 48, 128, 253 is a dark color, and the websafe version is hex 3366CC. The color can be described as middle washed azure. A complement of this color would be 253, 173, 48, and the grayscale version is 118, 118, 118.

A 20% lighter version of the original color is 126, 180, 255, and 0, 80, 195 is the 20% darker color. If you saturate the color by 10%, you get 23, 113, 253, and if you desaturate by 10%, it is 73, 143, 253.

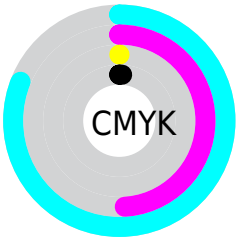
Distribution



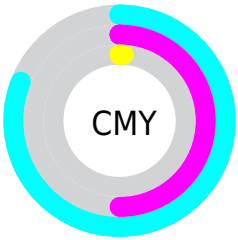
- Red (19%)
- Green (50%)
- Blue (99%)



- Red (19%)
- Yellow (42%)
- Blue (99%)



- Cyan (81%)
- Magenta (49%)
- Yellow (0%)
- Black (1%)



- Cyan (81%)
- Magenta (50%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 48, 128, 253 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 48, 128, 253 by changing the saturation by 10% instead.

48, 128, 253

255, 255, 255

126, 180, 255

159, 207, 255

190, 235, 255

222, 255, 255

253, 255, 255

48, 128, 253

0, 103, 224

0, 80, 195

0, 58, 168

0, 38, 140

0, 20, 114

0, 13, 89

0, 7, 64

0, 3, 41

0, 1, 19

48, 128, 253

23, 113, 253

0, 99, 253

48, 128, 253

73, 143, 253

99, 159, 253

124, 174, 253

149, 190, 253

175, 205, 253

200, 221, 253

225, 236, 253

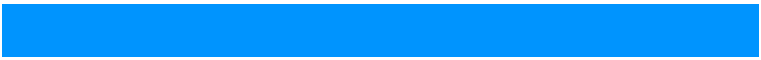
250, 251, 253

255, 255, 253

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0, 148, 254

48, 128, 253

177, 98, 219

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

48, 128, 253

223, 90, 42

0, 158, 101

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

48, 128, 253

253, 173, 48

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

45, 152, 34

48, 128, 253

183, 119, 0

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

48, 128, 253

241, 62, 101

128, 140, 0

0, 160, 166

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

48, 128, 253

216, 76, 183

128, 140, 0

0, 157, 79

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

48, 128, 253

194, 218, 255

48, 253, 171

91, 105, 128

0, 0, 0

128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

48, 128, 253

8, 104, 255

68, 48, 253

115, 120, 128

0, 75, 191

0, 25, 64

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

253, 48, 128

255, 8, 104

233, 253, 48

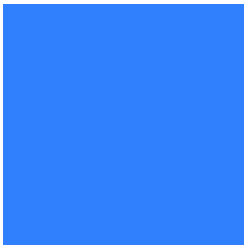
128, 115, 120

191, 0, 75

64, 0, 25

Previews

White Background

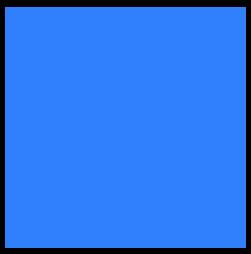


This preview shows how the RGB color 48, 128, 253 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 48, 128, 253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 48, 128, 253 Background

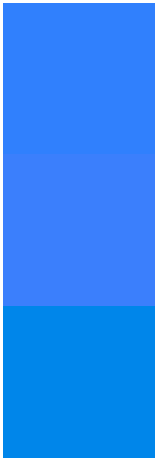
This preview shows how black text looks on a background with the RGB color 48, 128, 253.

This preview shows how white text looks on a background with the RGB color 48, 128, 253.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy



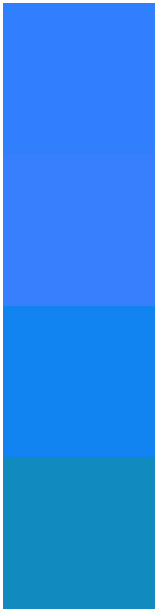
Original Color
48, 128, 253

Protanopia
59, 127, 252

Deuteranopia
0, 134, 234

Tritanopia
0, 146, 156

Trichromacy



Original Color
48, 128, 253

Protanomaly
55, 127, 252

Deuteranomaly
17, 132, 241

Tritanomaly
17, 139, 191

Monochromacy

Original Color
48, 128, 253

Achromatopsia
118, 118, 118

Achromatomaly
93, 122, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 48, 128, 253 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(48, 128, 253) looks like.

```
.text, #text, p{
    color:rgb(48, 128, 253)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(48, 128, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 128, 253) }
```

Border

The CSS property to change the border of an element to RGB 48, 128, 253 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(48, 128, 253) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(48, 128, 253) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(48, 128, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(48, 128, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(48, 128, 253); box-shadow:4px 4px 4px 4px rgb(48, 128, 253) }
```

Background

The CSS property to change the background color of an element to RGB 48, 128, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(48, 128, 253) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(48, 128,
253) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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