

Converting Colors

RGB(51, 128, 252)

Have a look what the booklet for
RGB(51, 128, 252) contains.

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Color

RGB(51, 128, 252)

Conversions

Conversions Part 1

Format	Color
Hex	3380FC
RGB	51, 128, 252
RGB Percent	20%, 50%, 99%
CMY	0.8000, 0.4980, 0.0118
CMYK	0.80, 0.49, 0.00, 0.01
HSL	217°, 97%, 59%
HSV	217°, 80%, 99%
XYZ	26.6551, 23.1704, 95.1629
YIQ	119.1130, -85.6960, 22.2400

Conversions

Conversions Part 2

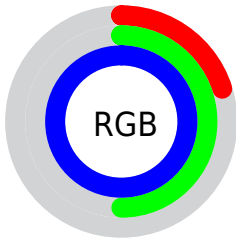
Format	Color
R _Y B	51, 107, 252
Decimal	3375356
CIE Lab	55.25, 20.18, -68.38
CIE LCh	55, 71.294, 286.440
Yxy	23.1704, 0.1838, 0.1598
Android (android.graphics.Color)	4281565436 (0xFF3380FC)
YUV	119.1130, 65.5133, -59.7351
Hunter-Lab	48.1357, 14.6069, -83.5198

Details

The RGB color **51, 128, 252** 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 **252, 175, 51**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **127, 180, 255**, and **0, 80, 194** is the 20% darker color. If you saturate the color by 10%, you get **26, 112, 252**, and if you desaturate by 10%, it is **76, 144, 252**.

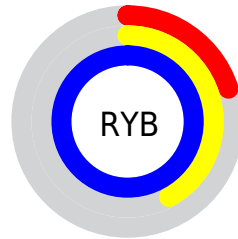
Distribution



Red (20%)

Green (50%)

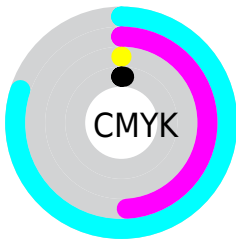
Blue (99%)



Red (20%)

Yellow (42%)

Blue (99%)

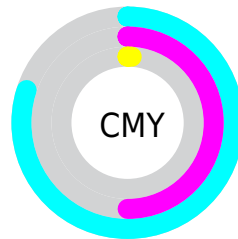


Cyan (80%)

Magenta (49%)

Yellow (0%)

Black (1%)



Cyan (80%)


















Magenta (50%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 51, 128, 252 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 51, 128, 252 by changing the saturation by 10% instead.

 51, 128, 252	 51, 128, 252
 255, 255, 255	 0, 103, 223
 127, 180, 255	 0, 80, 194
 160, 207, 255	 0, 58, 167
 191, 236, 255	 0, 38, 140
 223, 255, 255	 0, 20, 113
 254, 255, 255	 0, 12, 88
	 0, 7, 63
	 0, 3, 41
	 0, 1, 18

■ 51, 128, 252

■ 51, 128, 252

■ 26, 112, 252

■ 76, 144, 252

■ 1, 97, 252

■ 101, 159, 252

■ 0, 97, 252

■ 127, 175, 252

■ 152, 190, 252

■ 177, 206, 252

■ 202, 221, 252

■ 227, 237, 252

■ 253, 252, 252

255, 255, 252

Harmonies

Analogous

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



0, 148, 253



51, 128, 252



176, 98, 218

Triad

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



51, 128, 252



222, 91, 43



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.



51, 128, 252



252, 175, 51

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.



46, 152, 36



51, 128, 252



182, 119, 0

Square

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



51, 128, 252



240, 64, 101



128, 140, 0



0, 160, 166

Rectangle

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



51, 128, 252



215, 77, 183



128, 140, 0



0, 157, 80

Sweetspot

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



51, 128, 252



194, 217, 255



51, 252, 175



91, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



51, 128, 252



10, 104, 255



74, 51, 252



112, 117, 125



0, 72, 189



0, 23, 61

Inverse Universe

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



252, 51, 128



255, 10, 104



229, 252, 51



125, 112, 117



189, 0, 72



61, 0, 23

Previews

White Background



This preview shows how the RGB color 51, 128, 252 looks on a white background.

Color Contrast Check

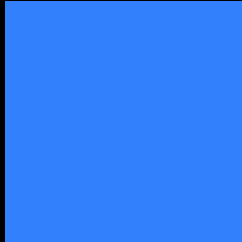
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 128, 252 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

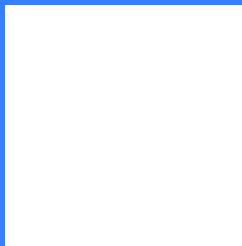
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 51, 128, 252 Background



This preview shows how black text looks on a background with the RGB color 51, 128, 252.



This preview shows how white text looks on a background with the RGB color 51, 128, 252.

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





Tritanopia
0, 146, 156

Trichromacy



Original Color

51, 128, 252

Protanomaly

57, 127, 251

Deuteranomaly

19, 132, 241

Tritanomaly

19, 139, 191

Monochromacy



Original Color

51, 128, 252

Achromatopsia

119, 119, 119

Achromatomaly

94, 122, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 51, 128, 252 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(51, 128, 252)` looks like.

```
.text, #text, p{  
    color:rgb(51, 128, 252)  
}
```

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(51, 128, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 128, 252) }
```

Border

The CSS property to change the border of an element to RGB 51, 128, 252 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(51, 128, 252) }
```

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

```
.border{ border-color:rgb(51, 128, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 128, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 128, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 128, 252);  
box-shadow:4px 4px 4px 4px rgb(51, 128,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 51, 128, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 128, 252) }
```

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

```
.background{ background-color: rgb(51, 128,  
252) }
```

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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