

Converting Colors

RGB(56, 124, 247)

Have a look what the booklet for
RGB(56, 124, 247) contains.

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Color

RGB(56, 124, 247)

Conversions

Conversions Part 1

Format	Color
Hex	387CF7
RGB	56, 124, 247
RGB Percent	22%, 49%, 97%
CMY	0.7804, 0.5137, 0.0314
CMYK	0.77, 0.50, 0.00, 0.03
HSL	219°, 92%, 59%
HSV	219°, 77%, 97%
XYZ	25.6270, 21.9715, 90.8859
YIQ	117.6900, -80.0110, 23.8370

Conversions

Conversions Part 2

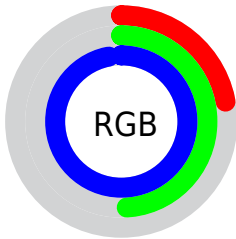
Format	Color
RYB	56, 106, 247
Decimal	3702007
CIELab	54.00, 21.31, -67.63
CIELCh	54, 70.904, 287.487
Yxy	21.9715, 0.1851, 0.1587
Android (android.graphics.Color)	4281892087 (0xFF387CF7)
YUV	117.6900, 63.7498, -54.1021
Hunter-Lab	46.8737, 15.5614, -82.1489

Details

The RGB color **56, 124, 247** 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 **247, 179, 56**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **129, 176, 255**, and **0, 76, 190** is the 20% darker color. If you saturate the color by 10%, you get **31, 108, 247**, and if you desaturate by 10%, it is **81, 140, 247**.

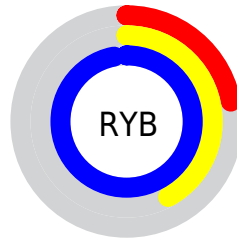
Distribution



Red (22%)

Green (49%)

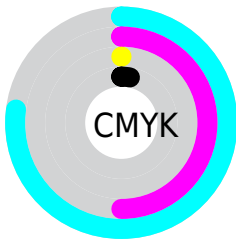
Blue (97%)



Red (22%)

Yellow (42%)

Blue (97%)

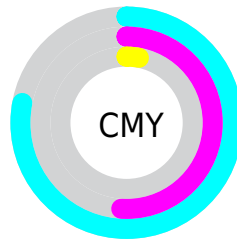


Cyan (77%)

Magenta (50%)

Yellow (0%)

Black (3%)



Cyan (78%)
















Magenta (51%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 56, 124, 247 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 56, 124, 247 by changing the saturation by 10% instead.

 56, 124, 247	 56, 124, 247
255, 255, 255	 0, 100, 218
 129, 176, 255	 0, 76, 190
 161, 203, 255	 0, 55, 162
 192, 231, 255	 0, 35, 135
 224, 255, 255	 0, 16, 109
255, 255, 255	 0, 11, 84
	 0, 6, 60
	 0, 2, 37
	 0, 1, 13

■ 56, 124, 247

■ 56, 124, 247

■ 31, 108, 247

■ 81, 140, 247

■ 7, 92, 247

■ 105, 156, 247

■ 0, 88, 247

■ 130, 172, 247

■ 155, 188, 247

■ 179, 204, 247

■ 204, 219, 247

■ 229, 235, 247

■ 254, 251, 247

■ 255, 255, 247

Harmonies

Analogous

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



0, 144, 249



56, 124, 247



175, 94, 213

Triad

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



56, 124, 247



217, 89, 38



0, 155, 100

Complementary

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



56, 124, 247



247, 179, 56

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.



37, 149, 35



56, 124, 247



177, 117, 0

Square

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



56, 124, 247



236, 61, 96



122, 137, 0



0, 156, 164

Rectangle

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



56, 124, 247



213, 72, 177



122, 137, 0



0, 153, 79

Sweetspot

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



56, 124, 247



196, 217, 255



56, 247, 177



92, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



56, 124, 247



18, 102, 255



81, 56, 247



110, 115, 122



0, 66, 186



0, 21, 59

Inverse Universe

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



247, 56, 124



255, 18, 102



222, 247, 56



122, 110, 115



186, 0, 66



59, 0, 21

Previews

White Background



This preview shows how the RGB color 56, 124, 247 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 56, 124, 247 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

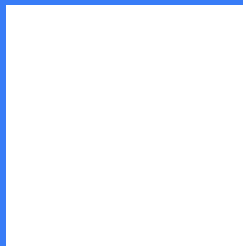
Any Text WCAG AAA × Fail

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

RGB 56, 124, 247 Background



This preview shows how black text looks on a background with the RGB color 56, 124, 247.



This preview shows how white text looks on a background with the RGB color 56, 124, 247.

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

56, 124, 247

Protanopia

57, 124, 247

Deuteranopia

0, 131, 229



Tritanopia
0, 142, 152

Trichromacy



Original Color

56, 124, 247

Protanomaly

57, 124, 247

Deuteranomaly

20, 128, 236

Tritanomaly

20, 135, 187

Monochromacy



Original Color

56, 124, 247

Achromatopsia

118, 118, 118

Achromatomaly

95, 120, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 56, 124, 247 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(56, 124, 247)` looks like.

```
.text, #text, p{  
    color:rgb(56, 124, 247)  
}
```

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(56, 124, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 124, 247) }
```

Border

The CSS property to change the border of an element to RGB 56, 124, 247 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(56, 124, 247) }
```

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

```
.border{ border-color:rgb(56, 124, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 124, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 124, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 124, 247);  
box-shadow:4px 4px 4px 4px rgb(56, 124,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 56, 124, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 124, 247) }
```

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

```
.background{ background-color: rgb(56, 124,  
247) }
```

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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