

Converting Colors

RGB(91, 132, 236)

Have a look what the booklet for
RGB(91, 132, 236) contains.

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Color

RGB(91, 132, 236)

Conversions

Conversions Part 1

Format	Color
Hex	5B84EC
RGB	91, 132, 236
RGB Percent	36%, 52%, 93%
CMY	0.6431, 0.4824, 0.0745
CMYK	0.61, 0.44, 0.00, 0.07
HSL	223°, 79%, 64%
HSV	223°, 61%, 93%
XYZ	27.7060, 24.7828, 82.6802
YIQ	131.5970, -57.8200, 23.6520

Conversions

Conversions Part 2

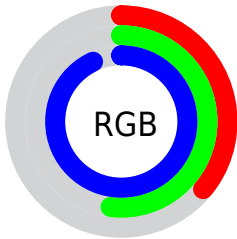
Format	Color
R _Y B	91, 123, 236
Decimal	5997804
CIE Lab	56.86, 17.46, -56.84
CIE LCh	57, 59.459, 287.075
Yxy	24.7828, 0.2050, 0.1833
Android (android.graphics.Color)	4284187884 (0xFF5B84EC)
YUV	131.5970, 51.4707, -35.6036
Hunter-Lab	49.7823, 12.2237, -63.6232

Details

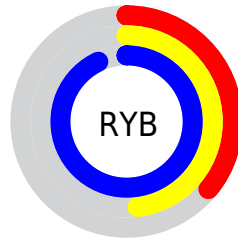
The RGB color **91, 132, 236** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **236, 195, 91**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **152, 185, 255**, and **0, 83, 179** is the 20% darker color. If you saturate the color by 10%, you get **67, 115, 236**, and if you desaturate by 10%, it is **115, 149, 236**.

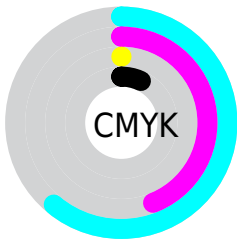
Distribution



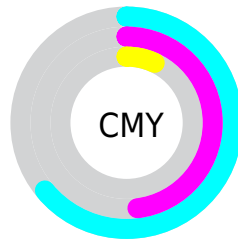
- Red (36%)
- Green (52%)
- Blue (93%)



- Red (36%)
- Yellow (48%)
- Blue (93%)



- Cyan (61%)
- Magenta (44%)
- Yellow (0%)
- Black (7%)




- Cyan (64%)
- Magenta (48%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 91, 132, 236 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 91, 132, 236 by changing the saturation by 10% instead.

 91, 132, 236


255, 255, 255


 152, 185, 255

 182, 212, 255

 212, 240, 255

 242, 255, 255

 91, 132, 236

 57, 107, 207

 0, 83, 179

 0, 61, 152

 0, 40, 126

 0, 22, 100

 0, 6, 75

 0, 4, 52

 0, 2, 30

 0, 0, 0

■ 91, 132, 236

■ 91, 132, 236

■ 67, 115, 236

■ 115, 149, 236

■ 44, 98, 236

■ 138, 166, 236

■ 20, 81, 236

■ 162, 183, 236

■ 0, 67, 236

■ 185, 200, 236

■ 209, 217, 236

■ 233, 234, 236

■ 255, 250, 236

■ 255, 255, 236

Harmonies

Analogous

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



0, 149, 238



91, 132, 236



176, 109, 208

Triad

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



91, 132, 236



215, 104, 62



0, 160, 111

Complementary

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



91, 132, 236



236, 195, 91

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.



72, 154, 61



91, 132, 236



181, 126, 24

Square

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



91, 132, 236



230, 87, 109



134, 143, 21



0, 161, 165

Rectangle

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



91, 132, 236



208, 95, 178



134, 143, 21



0, 158, 94

Sweetspot

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



91, 132, 236



209, 222, 255



91, 236, 195



99, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



91, 132, 236



66, 120, 255



122, 91, 236



106, 109, 117



0, 51, 181



0, 15, 54

Inverse Universe

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



236, 91, 132



255, 66, 120



205, 236, 91



117, 106, 109



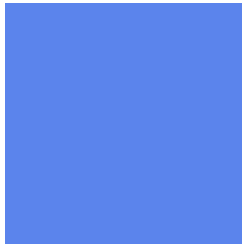
181, 0, 51



54, 0, 15

Previews

White Background



This preview shows how the RGB color 91, 132, 236 looks on a white background.

Color Contrast Check

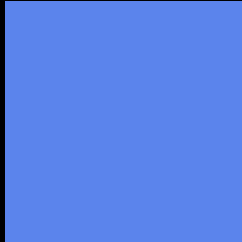
Large Text (above 18pt) WCAG AA ✓ Pass

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 91, 132, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

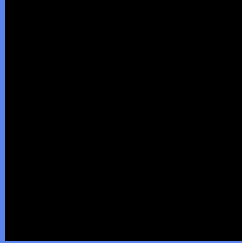
Any Text WCAG AA ✓ Pass

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 91, 132, 236 Background



This preview shows how black text looks on a background with the RGB color 91, 132, 236.



This preview shows how white text looks on a background with the RGB color 91, 132, 236.

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
91, 132, 236

Protanopia
89, 132, 236

Deuteranopia
58, 137, 235



Tritanopia
54, 149, 161

Trichromacy



Original Color
91, 132, 236

Protanomaly
90, 132, 236

Deuteranomaly
70, 135, 235

Tritanomaly
67, 143, 188

Monochromacy



Original Color
91, 132, 236

Achromatopsia
132, 132, 132

Achromatomaly
117, 132, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 91, 132, 236 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(91, 132, 236)` looks like.

```
.text, #text, p{  
    color:rgb(91, 132, 236)  
}
```

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(91, 132, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 132, 236) }
```

Border

The CSS property to change the border of an element to RGB 91, 132, 236 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(91, 132, 236) }
```

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

```
.border{ border-color:rgb(91, 132, 236) }
```

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

Here you see how a box with a 4 pixel rgb(91, 132, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 132, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 132, 236);  
box-shadow:4px 4px 4px 4px rgb(91, 132,  
236) }
```

Background

The CSS property to change the background color of an element to RGB 91, 132, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 132, 236) }
```

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

```
.background{ background-color: rgb(91, 132,  
236) }
```

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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