

Converting Colors

`RYB(91, 112, 243)`

Have a look what the booklet for
RYB(91, 112, 243) contains.

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Color

R_YB(91, 112, 243)

Conversions

Conversions Part 1

Format	Color
Hex	5B73F3
RGB	91, 115, 243
RGB Percent	36%, 45%, 95%
CMY	0.6431, 0.5476, 0.0471
CMYK	0.63, 0.53, 0.00, 0.05
HSL	230°, 86%, 65%
HSV	230°, 63%, 95%
XYZ	26.6646, 21.0404, 87.4498
YIQ	122.4160, -55.3920, 34.7200

Conversions

Conversions Part 2

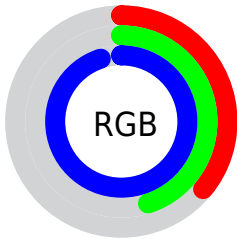
Format	Color
R _Y B	91, 112, 243
Decimal	5993459
CIE Lab	52.99, 29.93, -66.95
CIE LCh	53, 73.338, 294.087
Yxy	21.0404, 0.1973, 0.1557
Android (android.graphics.Color)	4284183539 (0xFF5B73F3)
YUV	122.4160, 59.4479, -27.5518
Hunter-Lab	45.8698, 23.4918, -80.9262

Details

The RYB color **91, 112, 243** is a light color, and the websafe version is hex **6666CC**. The color can be described as light muted azure. A complement of this color would be **120, 243, 91**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **154, 166, 255**, and **0, 50, 186** is the 20% darker color. If you saturate the color by 10%, you get **67, 91, 243**, and if you desaturate by 10%, it is **115, 133, 243**.

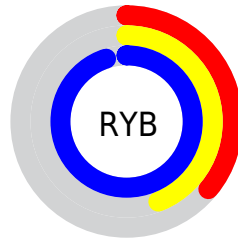
Distribution



Red (36%)

Green (45%)

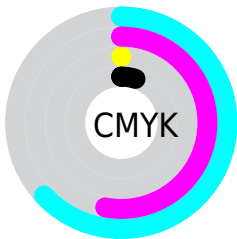
Blue (95%)



Red (36%)

Yellow (44%)

Blue (95%)

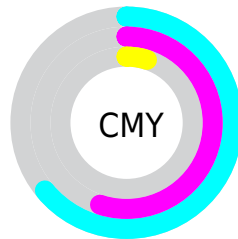


Cyan (63%)

Magenta (53%)

Yellow (0%)

Black (5%)



Cyan (64%)


Magenta (55%)

Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the RYB color 91, 112, 243 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 RYB color 91, 112, 243 by changing the saturation by 10% instead.

 91, 112, 243


255, 255, 255

 154, 166, 255

 184, 193, 255

 215, 221, 255

 245, 248, 255

 91, 112, 243

 55, 84, 214

 0, 50, 186

 0, 36, 158

 0, 22, 131

 0, 5, 105

 0, 9, 80

 0, 5, 56

 0, 2, 34

 0, 0, 8

■ 91, 112, 243

■ 91, 112, 243

■ 67, 91, 243

■ 115, 133, 243

■ 42, 70, 243

■ 140, 154, 243

■ 18, 49, 243

■ 164, 175, 243

■ 0, 34, 243

■ 188, 196, 243

■ 212, 216, 243

■ 237, 238, 243

■ 243, 255, 243

Harmonies

Analogous

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



0, 89, 253



91, 112, 243



189, 82, 202

Triad

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



91, 112, 243



208, 143, 13



0, 88, 153

Complementary

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



91, 112, 243



120, 243, 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.



0, 113, 148



91, 112, 243



58, 163, 0

Square

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



91, 112, 243



234, 58, 79



0, 138, 34



0, 82, 177

Rectangle

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



91, 112, 243



221, 58, 163



0, 138, 34



0, 96, 152

Sweetspot

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



91, 112, 243



207, 213, 255



91, 174, 243



98, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



91, 112, 243



64, 90, 255



142, 91, 243



110, 112, 122



0, 26, 186



0, 8, 59

Inverse Universe

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



243, 91, 115



255, 64, 94



91, 243, 142



122, 110, 112



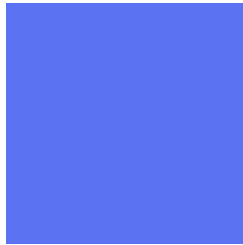
186, 0, 30



59, 0, 9

Previews

White Background



This preview shows how the RYB color 91, 112, 243 looks on a white background.

Color Contrast Check

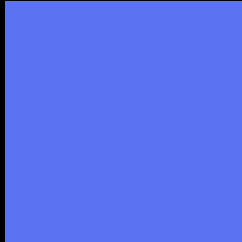
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 91, 112, 243 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](#).

R/Y/B 91, 112, 243 Background



This preview shows how black text looks on a background with the R/Y/B color 91, 112, 243.

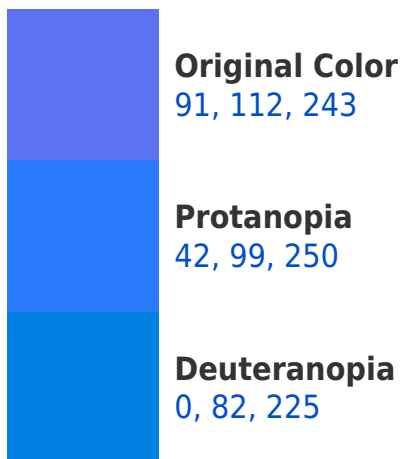


This preview shows how white text looks on a background with the R/Y/B color 91, 112, 243.

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
41, 93, 150

Trichromacy



Original Color
91, 112, 243

Protanomaly
60, 105, 247

Deuteranomaly
33, 95, 232

Tritanomaly
59, 104, 184

Monochromacy



Original Color
91, 112, 243

Achromatopsia
123, 123, 123

Achromatomaly
111, 119, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 91, 112, 243 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, 115, 243)` looks like.

```
.text, #text, p{  
    color:rgb(91, 115, 243)  
}
```

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, 115, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 115, 243) }
```

Border

The CSS property to change the border of an element to RYB 91, 112, 243 is called "border". The border property can be set on classes, ids or directly on the HTML element.

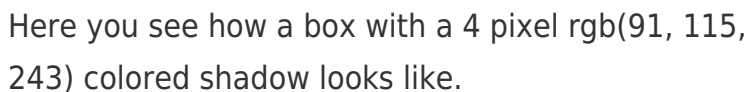
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 115, 243) }
```

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

```
.border{ border-color:rgb(91, 115, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 115, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 115, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 115, 243);  
box-shadow:4px 4px 4px 4px rgb(91, 115,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 91, 112, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 115, 243) }
```

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

```
.background{ background-color: rgb(91, 115,  
243) }
```

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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