

Converting Colors

RGB(90, 101, 209)

Have a look what the booklet for
RGB(90, 101, 209) contains.

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Color

RGB(90, 101, 209)

Conversions

Conversions Part 1

Format	Color
Hex	5A65D1
RGB	90, 101, 209
RGB Percent	35%, 40%, 82%
CMY	0.6471, 0.6039, 0.1804
CMYK	0.57, 0.52, 0.00, 0.18
HSL	234°, 56%, 59%
HSV	234°, 57%, 82%
XYZ	20.3788, 16.0845, 62.3521
YIQ	110.0230, -41.2240, 31.2560

Conversions

Conversions Part 2

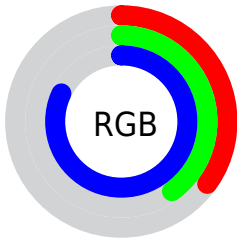
Format	Color
R_{YB}	90, 100, 209
Decimal	5924305
CIE _{Lab}	47.09, 27.34, -57.32
CIE _{LCh}	47, 63.504, 295.503
Yxy	16.0845, 0.2062, 0.1628
Android (android.graphics.Color)	4284114385 (0xFF5A65D1)
YUV	110.0230, 48.7957, -17.5602
Hunter-Lab	40.1054, 20.5165, -64.1046

Details

The RGB color **90, 101, 209** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **209, 198, 90**, and the grayscale version is **110, 110, 110**.

A 20% lighter version of the original color is **149, 152, 255**, and **15, 55, 154** is the 20% darker color. If you saturate the color by 10%, you get **69, 82, 209**, and if you desaturate by 10%, it is **111, 120, 209**.

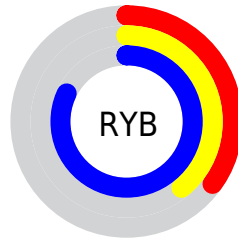
Distribution



Red (35%)

Green (40%)

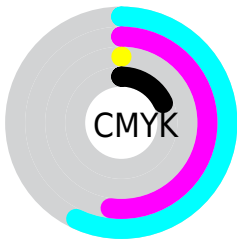
Blue (82%)



Red (35%)

Yellow (39%)

Blue (82%)

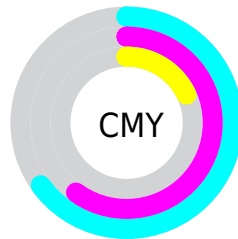


Cyan (57%)

Magenta (52%)

Yellow (0%)

Black (18%)



Cyan (65%)

















Magenta (60%)


Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the RGB color 90, 101, 209 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 90, 101, 209 by changing the saturation by 10% instead.

 90, 101, 209	 90, 101, 209
 255, 255, 255	 59, 77, 181
 149, 152, 255	 15, 55, 154
 178, 178, 255	 0, 34, 127
 207, 206, 255	 0, 15, 101
 237, 234, 255	 0, 0, 77
	 0, 5, 53
	 0, 2, 31
	 0, 0, 1
	 0, 0, 0


 90, 101, 209

 90, 101, 209


 69, 82, 209

 111, 120, 209

 48, 63, 209


 132, 139, 209

 27, 44, 209

 153, 158, 209

 6, 25, 209

 174, 177, 209

 0, 19, 209

 195, 196, 209

 215, 215, 209

 236, 234, 209

 255, 253, 209

 255, 255, 209

Harmonies

Analogous

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



0, 121, 219



90, 101, 209



167, 74, 173

Triad

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



90, 101, 209



181, 84, 17



0, 135, 102

Complementary

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



90, 101, 209



209, 198, 90

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, 131, 46



90, 101, 209



142, 107, 0

Square

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



90, 101, 209



203, 58, 69



91, 122, 0



0, 135, 156

Rectangle

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



90, 101, 209



193, 56, 140



91, 122, 0



0, 134, 83

Sweetspot

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



90, 101, 209



212, 216, 255



90, 209, 197



102, 104, 128



0, 0, 0



128, 128, 128

Same Dimension

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



90, 101, 209



82, 98, 255



138, 90, 209



94, 95, 105



0, 16, 168



0, 4, 41

Inverse Universe

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



209, 90, 101



255, 82, 98



161, 209, 90



105, 94, 95



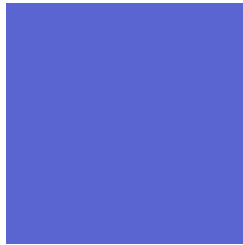
168, 0, 16



41, 0, 4

Previews

White Background



This preview shows how the RGB color 90, 101, 209 looks on a white background.

Color Contrast Check

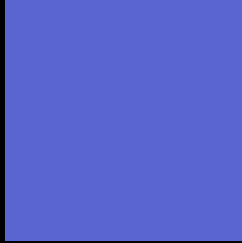
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 90, 101, 209 looks on a black 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

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

RGB 90, 101, 209 Background



This preview shows how black text looks on a background with the RGB color 90, 101, 209.

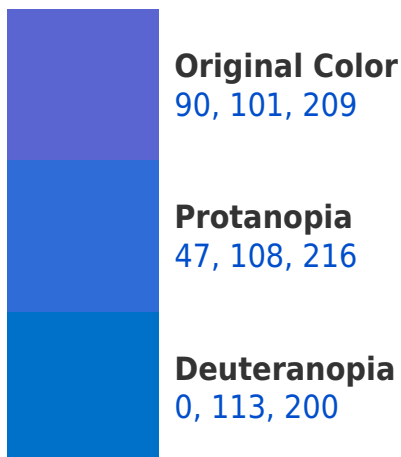


This preview shows how white text looks on a background with the RGB color 90, 101, 209.

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
59, 120, 130

Trichromacy



Original Color
90, 101, 209

Protanomaly
63, 105, 213

Deuteranomaly
33, 109, 203

Tritanomaly
70, 113, 159

Monochromacy



Original Color
90, 101, 209

Achromatopsia
110, 110, 110

Achromatomaly
103, 107, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 90, 101, 209 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(90, 101, 209)` looks like.

```
.text, #text, p{  
    color:rgb(90, 101, 209)  
}
```

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(90, 101, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 101, 209) }
```

Border

The CSS property to change the border of an element to RGB 90, 101, 209 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(90, 101, 209) }
```

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

```
.border{ border-color:rgb(90, 101, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 101, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 101, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 101, 209);  
box-shadow:4px 4px 4px 4px rgb(90, 101,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 90, 101, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 101, 209) }
```

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

```
.background{ background-color: rgb(90, 101,  
209) }
```

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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