

Converting Colors

RGB(90, 101, 240)

Have a look what the booklet for
RGB(90, 101, 240) contains.

RGB(90, 101, 240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(90, 101, 240)

Conversions

Conversions Part 1

Format	Color
Hex	5A65F0
RGB	90, 101, 240
RGB Percent	35%, 40%, 94%
CMY	0.6471, 0.6039, 0.0588
CMYK	0.62, 0.58, 0.00, 0.06
HSL	236°, 83%, 65%
HSV	236°, 62%, 94%
XYZ	24.5983, 17.7723, 84.5720
YIQ	113.5570, -51.1750, 40.8970

Conversions

Conversions Part 2

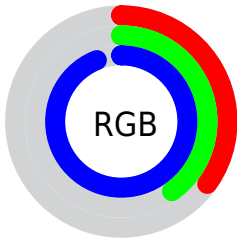
Format	Color
R _Y B	90, 100, 240
Decimal	5924336
CIE Lab	49.22, 37.52, -71.40
CIE LCh	49, 80.657, 297.721
Yxy	17.7723, 0.1938, 0.1400
Android (android.graphics.Color)	4284114416 (0xFF5A65F0)
YUV	113.5570, 62.3364, -20.6595
Hunter-Lab	42.1572, 30.3779, -89.4323

Details

The RGB color **90, 101, 240** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted azure. A complement of this color would be **240, 229, 90**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **153, 152, 255**, and **0, 54, 183** is the 20% darker color. If you saturate the color by 10%, you get **66, 79, 240**, and if you desaturate by 10%, it is **114, 123, 240**.

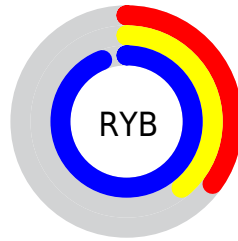
Distribution



Red (35%)

Green (40%)

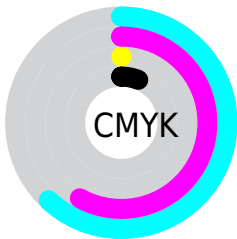
Blue (94%)



Red (35%)

Yellow (39%)

Blue (94%)

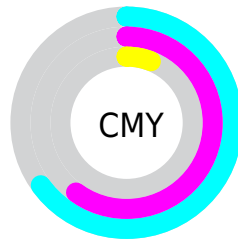


Cyan (62%)

Magenta (58%)

Yellow (0%)

Black (6%)



Cyan (65%)


Magenta (60%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 90, 101, 240 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, 240 by changing the saturation by 10% instead.

 90, 101, 240


255, 255, 255

 153, 152, 255

 184, 179, 255

 214, 206, 255


 245, 234, 255

 90, 101, 240


 53, 77, 211

 0, 54, 183

 0, 33, 155

 0, 15, 128

 0, 0, 103

 0, 10, 77

 0, 5, 53

 0, 2, 31

 0, 0, 3

■ 90, 101, 240

■ 90, 101, 240

■ 66, 79, 240

■ 114, 123, 240

■ 42, 57, 240

■ 138, 145, 240

■ 18, 34, 240

■ 162, 168, 240

■ 0, 18, 240

■ 186, 190, 240

■ 210, 212, 240

■ 234, 234, 240

■ 255, 255, 240

Harmonies

Analogous

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



0, 128, 255



90, 101, 240



191, 57, 191

Triad

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



90, 101, 240



197, 81, 0



0, 145, 110

Complementary

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



90, 101, 240



240, 229, 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, 140, 34



90, 101, 240



147, 113, 0

Square

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



90, 101, 240



228, 30, 58



79, 131, 0



0, 145, 179

Rectangle

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



90, 101, 240



222, 7, 148



79, 131, 0



0, 144, 85

Sweetspot

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



90, 101, 240



207, 210, 255



90, 240, 227



98, 100, 128



0, 0, 0



128, 128, 128

Same Dimension

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



90, 101, 240



64, 78, 255



153, 90, 240



108, 109, 120



0, 13, 184



0, 4, 56

Inverse Universe

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



240, 90, 101



255, 64, 78



178, 240, 90



120, 108, 109



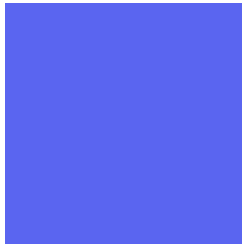
184, 0, 13



56, 0, 4

Previews

White Background



This preview shows how the RGB color 90, 101, 240 looks on a white background.

Color Contrast Check

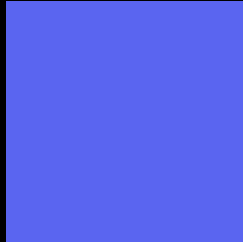
Large Text (above 18pt) WCAG AA ✓ Pass

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, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

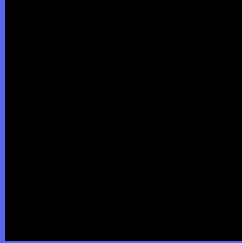
Any Text WCAG AA ✓ Pass

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 90, 101, 240 Background



This preview shows how black text looks on a background with the RGB color 90, 101, 240.

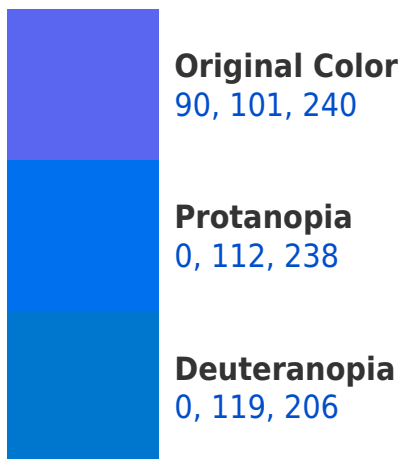


This preview shows how white text looks on a background with the RGB color 90, 101, 240.

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

34, 128, 139

Trichromacy



Original Color
90, 101, 240

Protanomaly
33, 108, 239

Deuteranomaly
33, 112, 218

Tritanomaly
54, 118, 176

Monochromacy



Original Color
90, 101, 240

Achromatopsia
114, 114, 114

Achromatomaly
105, 109, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 90, 101, 240 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(90, 101, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 101, 240) }
```

Border

The CSS property to change the border of an element to RGB 90, 101, 240 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, 240) }
```

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

```
.border{ border-color:rgb(90, 101, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 101, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 101, 240);  
box-shadow:4px 4px 4px 4px rgb(90, 101,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 90, 101, 240 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, 240) }
```

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

```
.background{ background-color: rgb(90, 101,  
240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor