

Converting Colors

RGB(91, 61, 159)

Have a look what the booklet for
RGB(91, 61, 159) contains.

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Color

RGB(91, 61, 159)

Conversions

Conversions Part 1

Format	Color
Hex	5B3D9F
RGB	91, 61, 159
RGB Percent	36%, 24%, 62%
CMY	0.6431, 0.7608, 0.3765
CMYK	0.43, 0.62, 0.00, 0.38
HSL	258°, 45%, 43%
HSV	258°, 62%, 62%
XYZ	12.2411, 8.0648, 33.7124
YIQ	81.1420, -13.5780, 36.8380

Conversions

Conversions Part 2

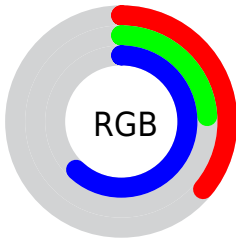
Format	Color
R_{YB}	91, 61, 159
Decimal	5979551
CIE _{Lab}	34.12, 36.48, -48.89
CIE _{LCh}	34, 61.001, 306.726
Yxy	8.0648, 0.2266, 0.1493
Android (android.graphics.Color)	4284169631 (0xFF5B3D9F)
YUV	81.1420, 38.3840, 8.6455
Hunter-Lab	28.3987, 27.2441, -50.5048

Details

The RGB color **91, 61, 159** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **129, 159, 61**, and the grayscale version is **81, 81, 81**.

A 20% lighter version of the original color is **146, 110, 214**, and **35, 15, 107** is the 20% darker color. If you saturate the color by 10%, you get **80, 45, 159**, and if you desaturate by 10%, it is **102, 77, 159**.

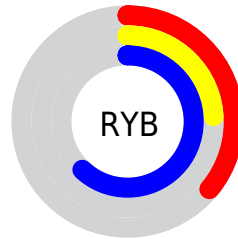
Distribution



Red (36%)

Green (24%)

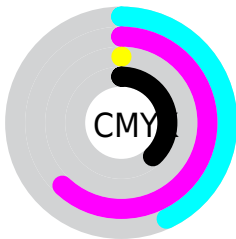
Blue (62%)



Red (36%)

Yellow (24%)

Blue (62%)

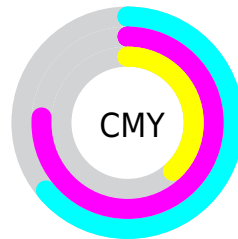


Cyan (43%)

Magenta (62%)

Yellow (0%)

Black (38%)



Cyan (64%)

Magenta (76%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 91, 61, 159 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, 61, 159 by changing the saturation by 10% instead.



91, 61, 159



91, 61, 159

255, 255, 255



64, 38, 132



146, 110, 214



35, 15, 107



174, 136, 243



0, 0, 82



202, 162, 255



0, 0, 58



231, 190, 255



0, 2, 35



255, 218, 255



0, 0, 10



255, 246, 255



0, 0, 0



91, 61, 159



91, 61, 159



80, 45, 159



102, 77, 159

■ 69, 29, 159

■ 113, 93, 159

■ 58, 13, 159

■ 124, 109, 159

■ 49, 0, 159

■ 135, 125, 159

■ 146, 141, 159

■ 157, 156, 159

■ 168, 172, 159

■ 179, 188, 159

■ 190, 204, 159

Harmonies

Analogous

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



0, 83, 178



91, 61, 159



144, 26, 120

Triad

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



91, 61, 159



128, 63, 0



0, 100, 90

Complementary

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



91, 61, 159



129, 159, 61

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, 98, 39



91, 61, 159



89, 82, 0

Square

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



91, 61, 159



155, 33, 24



33, 93, 0



0, 100, 138

Rectangle

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



91, 61, 159



160, 0, 88



33, 93, 0



0, 100, 73

Sweetspot

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



91, 61, 159



181, 169, 207



61, 130, 159



89, 82, 105



232, 232, 232



105, 105, 105

Same Dimension

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



91, 61, 159



100, 54, 207



139, 61, 159



74, 71, 79



44, 0, 143



5, 0, 15

Inverse Universe

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



159, 61, 129



207, 54, 160



81, 159, 61



79, 71, 77



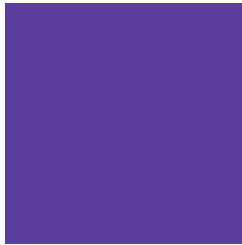
143, 0, 99



15, 0, 11

Previews

White Background



This preview shows how the RGB color 91, 61, 159 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 ✓ Pass

Black Background



This preview shows how the RGB color 91, 61, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

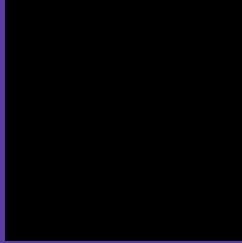
Any Text WCAG AA × Fail

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 91, 61, 159 Background



This preview shows how black text looks on a background with the RGB color 91, 61, 159.

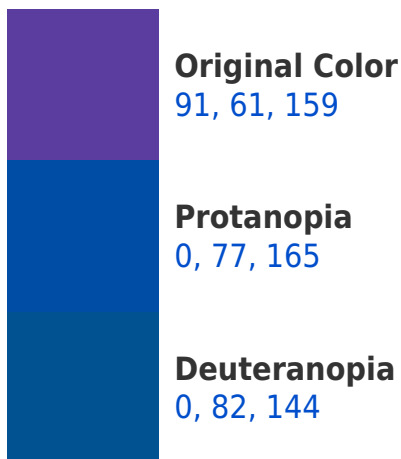


This preview shows how white text looks on a background with the RGB color 91, 61, 159.

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

74, 81, 88

Trichromacy



Original Color

91, 61, 159

Protanomaly

33, 71, 163

Deuteranomaly

33, 74, 149

Tritanomaly

80, 74, 114

Monochromacy



Original Color

91, 61, 159

Achromatopsia

81, 81, 81

Achromatomaly

85, 74, 109

CSS Examples

Text

The CSS property to change the color of the text to RGB 91, 61, 159 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, 61, 159) looks like.

```
.text, #text, p{  
    color:rgb(91, 61, 159)  
}
```

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, 61, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 61, 159) }
```

Border

The CSS property to change the border of an element to RGB 91, 61, 159 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, 61, 159) }
```

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

```
.border{ border-color:rgb(91, 61, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 61, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 61, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 61, 159);  
box-shadow:4px 4px 4px 4px rgb(91, 61,  
159) }
```

Background

The CSS property to change the background color of an element to RGB 91, 61, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 61, 159) }
```

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

```
.background{ background-color: rgb(91, 61,  
159) }
```

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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