

Converting Colors

RGB(91, 76, 189)

Have a look what the booklet for
RGB(91, 76, 189) contains.

RGB(91, 76, 189)	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(91, 76, 189)

Conversions

Conversions Part 1

Format	Color
Hex	5B4CBD
RGB	91, 76, 189
RGB Percent	36%, 30%, 74%
CMY	0.6431, 0.7020, 0.2588
CMYK	0.52, 0.60, 0.00, 0.26
HSL	248°, 46%, 52%
HSV	248°, 60%, 74%
XYZ	16.0841, 11.0672, 49.4326
YIQ	93.3670, -27.3330, 38.3230

Conversions

Conversions Part 2

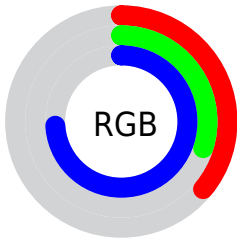
Format	Color
R_{YB}	91, 76, 189
Decimal	5983421
CIE _{Lab}	39.69, 36.50, -57.69
CIE _{LCh}	40, 68.270, 302.323
Yxy	11.0672, 0.2100, 0.1445
Android (android.graphics.Color)	4284173501 (0xFF5B4CBD)
YUV	93.3670, 47.1471, -2.0759
Hunter-Lab	33.2673, 28.0836, -64.8130

Details

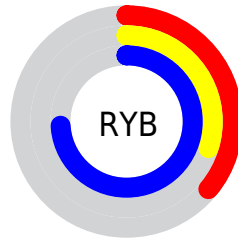
The RGB color **91, 76, 189** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **174, 189, 76**, and the grayscale version is **93, 93, 93**.

A 20% lighter version of the original color is **148, 126, 246**, and **26, 31, 135** is the 20% darker color. If you saturate the color by 10%, you get **75, 57, 189**, and if you desaturate by 10%, it is **107, 95, 189**.

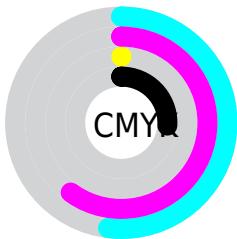
Distribution



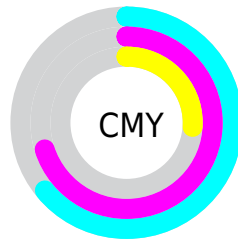
- Red (36%)
- Green (30%)
- Blue (74%)



- Red (36%)
- Yellow (30%)
- Blue (74%)



- Cyan (52%)
- Magenta (60%)
- Yellow (0%)
- Black (26%)



- Cyan (64%)
- Magenta (70%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the RGB color 91, 76, 189 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, 76, 189 by changing the saturation by 10% instead.

 91, 76, 189

 91, 76, 189


255, 255, 255

 61, 53, 161

 148, 126, 246

 26, 31, 135

 177, 152, 255

 0, 9, 109

 206, 179, 255

 0, 0, 84

 236, 206, 255

 0, 6, 59

 255, 235, 255

 0, 2, 37

 0, 1, 13

 0, 0, 0

 91, 76, 189

 91, 76, 189

■ 75, 57, 189

■ 107, 95, 189

■ 58, 38, 189

■ 124, 114, 189

■ 42, 19, 189

■ 140, 133, 189

■ 25, 0, 189

■ 157, 152, 189

■ 25, 0, 189

■ 173, 171, 189

■ 189, 189, 189

■ 206, 208, 189

■ 222, 227, 189

■ 239, 246, 189

Harmonies

Analogous

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



0, 100, 207



91, 76, 189



161, 38, 146

Triad

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



91, 76, 189



154, 69, 0



0, 116, 97

Complementary

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



91, 76, 189



174, 189, 76

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, 37



91, 76, 189



111, 93, 0

Square

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



91, 76, 189



182, 32, 37



52, 107, 0



0, 116, 152

Rectangle

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



91, 76, 189



182, 0, 110



52, 107, 0



0, 116, 77

Sweetspot

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



91, 76, 189



207, 201, 245



76, 176, 189



99, 95, 122



250, 250, 250



122, 122, 122

Same Dimension

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



91, 76, 189



92, 69, 245



146, 76, 189



86, 85, 94



21, 0, 158



4, 0, 31

Inverse Universe

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



189, 76, 174



245, 69, 221



119, 189, 76



94, 85, 93



158, 0, 137



31, 0, 27

Previews

White Background



This preview shows how the RGB color 91, 76, 189 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 91, 76, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

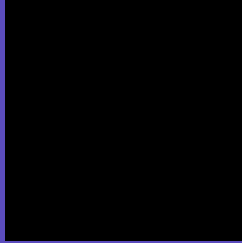
Any Text WCAG AA × Fail

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 91, 76, 189 Background



This preview shows how black text looks on a background with the RGB color 91, 76, 189.



This preview shows how white text looks on a background with the RGB color 91, 76, 189.

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, 76, 189

Protanopia
0, 90, 191

Deuteranopia
0, 96, 166



Tritanopia
65, 99, 107

Trichromacy



Original Color

91, 76, 189



Protanomaly

33, 85, 190



Deuteranomaly

33, 89, 174



Tritanomaly

74, 91, 137

Monochromacy



Original Color

91, 76, 189



Achromatopsia

93, 93, 93



Achromatomaly

92, 87, 128

CSS Examples

Text

The CSS property to change the color of the text to RGB 91, 76, 189 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, 76, 189)` looks like.

```
.text, #text, p{  
    color:rgb(91, 76, 189)  
}
```

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, 76, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 76, 189) }
```

Border

The CSS property to change the border of an element to RGB 91, 76, 189 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, 76, 189) }
```

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

```
.border{ border-color:rgb(91, 76, 189) }
```

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

Here you see how a box with a 4 pixel rgb(91, 76, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 76, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 76, 189);  
box-shadow:4px 4px 4px 4px rgb(91, 76,  
189) }
```

Background

The CSS property to change the background color of an element to RGB 91, 76, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 76, 189) }
```

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

```
.background{ background-color: rgb(91, 76,  
189) }
```

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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