

Converting Colors

RGB(180, 95, 195)

Have a look what the booklet for
RGB(180, 95, 195) contains.

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Color

RGB(180, 95, 195)

Conversions

Conversions Part 1

Format	Color
Hex	B45FC3
RGB	180, 95, 195
RGB Percent	71%, 37%, 76%
CMY	0.2941, 0.6275, 0.2353
CMYK	0.08, 0.51, 0.00, 0.24
HSL	291°, 45%, 57%
HSV	291°, 51%, 76%
XYZ	32.7649, 21.8278, 54.1161
YIQ	131.8150, 18.5600, 49.1200

Conversions

Conversions Part 2

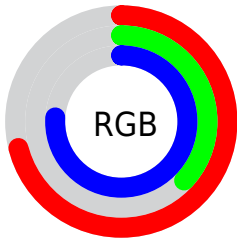
Format	Color
RYB	180, 95, 195
Decimal	11820995
CIELab	53.84, 49.53, -38.00
CIELCh	54, 62.433, 322.504
Yxy	21.8278, 0.3014, 0.2008
Android (android.graphics.Color)	4290011075 (0xFFB45FC3)
YUV	131.8150, 31.1502, 42.2582
Hunter-Lab	46.7203, 43.4215, -35.9713

Details

The RGB color **180, 95, 195** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **110, 195, 95**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **238, 148, 252**, and **125, 42, 141** is the 20% darker color. If you saturate the color by 10%, you get **177, 76, 195**, and if you desaturate by 10%, it is **183, 115, 195**.

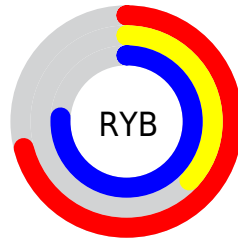
Distribution



Red (71%)

Green (37%)

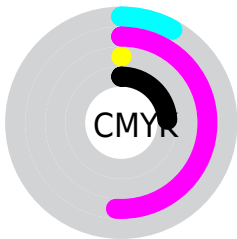
Blue (76%)



Red (71%)

Yellow (37%)

Blue (76%)

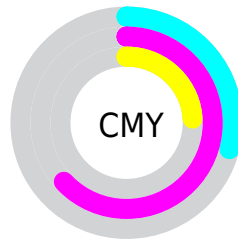


Cyan (8%)

Magenta (51%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (63%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 95, 195 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 180, 95, 195 by changing the saturation by 10% instead.



180, 95, 195



180, 95, 195

255, 255, 255



152, 69, 168



238, 148, 252



125, 42, 141



255, 176, 255



98, 10, 115



255, 204, 255



72, 0, 90



255, 233, 255



47, 0, 66



20, 0, 43



0, 1, 21



0, 0, 0



180, 95, 195





180, 95, 195

 177, 76, 195


 183, 115, 195

 174, 56, 195

 186, 134, 195

 171, 37, 195

 189, 154, 195

 168, 17, 195

 192, 173, 195

 166, 0, 195

 195, 193, 195

 198, 212, 195

 200, 232, 195

 203, 251, 195

 206, 255, 195

Harmonies

Analogous

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



100, 120, 229



180, 95, 195



218, 74, 145

Triad

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



180, 95, 195



166, 121, 0



0, 153, 168

Complementary

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



180, 95, 195



110, 195, 95

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, 153, 113



180, 95, 195



115, 138, 0

Square

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



180, 95, 195



204, 99, 42



37, 148, 58



0, 150, 214

Rectangle

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



180, 95, 195



225, 73, 108



37, 148, 58



0, 154, 150

Sweetspot

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



180, 95, 195



247, 215, 252



95, 110, 195



124, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



180, 95, 195



229, 96, 252



195, 95, 160



95, 87, 97



137, 0, 161



28, 0, 33

Inverse Universe

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



195, 95, 110



252, 96, 119



95, 195, 130



97, 87, 89



161, 0, 24



33, 0, 5

Previews

White Background



This preview shows how the RGB color 180, 95, 195 looks on a white background.

Color Contrast Check

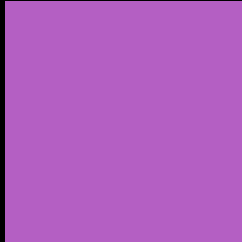
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 180, 95, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

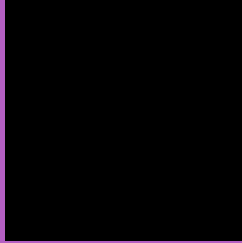
Any Text WCAG AA ✓ Pass

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 180, 95, 195 Background



This preview shows how black text looks on a background with the RGB color 180, 95, 195.

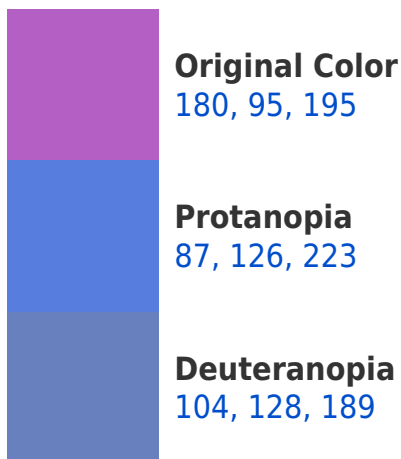



This preview shows how white text looks on a background with the RGB color 180, 95, 195.

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
170, 113, 122

Trichromacy



Original Color

180, 95, 195



Protanomaly

121, 115, 213



Deuteranomaly

132, 116, 191



Tritanomaly

174, 106, 149

Monochromacy



Original Color

180, 95, 195



Achromatopsia

132, 132, 132



Achromatomaly

149, 119, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 95, 195 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(180, 95, 195)` looks like.

```
.text, #text, p{  
    color:rgb(180, 95, 195)  
}
```

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(180, 95, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 95, 195) }
```

Border

The CSS property to change the border of an element to RGB 180, 95, 195 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(180, 95, 195) }
```

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

```
.border{ border-color:rgb(180, 95, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 95, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 95, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 95, 195);  
box-shadow:4px 4px 4px 4px rgb(180, 95,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 180, 95, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 95, 195) }
```

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

```
.background{ background-color: rgb(180, 95,  
195) }
```

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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