

Converting Colors

RGB(175, 94, 185)

Have a look what the booklet for
RGB(175, 94, 185) contains.

RGB(175, 94, 185)	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(175, 94, 185)

Conversions

Conversions Part 1

Format	Color
Hex	AF5EB9
RGB	175, 94, 185
RGB Percent	69%, 37%, 73%
CMY	0.3137, 0.6314, 0.2745
CMYK	0.05, 0.49, 0.00, 0.27
HSL	293°, 39%, 55%
HSV	293°, 49%, 73%
XYZ	30.4389, 20.6221, 48.2751
YIQ	128.5930, 19.0650, 45.4730

Conversions

Conversions Part 2

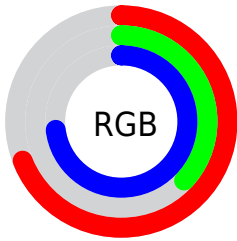
Format	Color
R_{YB}	175, 94, 185
Decimal	11493049
CIE _{Lab}	52.53, 46.68, -34.34
CIE _{LCh}	53, 57.954, 323.658
Yxy	20.6221, 0.3064, 0.2076
Android (android.graphics.Color)	4289683129 (0xFFAF5EB9)
YUV	128.5930, 27.8087, 40.6989
Hunter-Lab	45.4116, 40.1761, -31.2405

Details

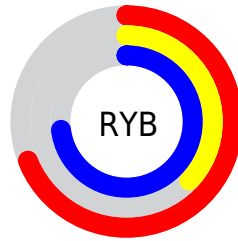
The RGB color **175, 94, 185** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **104, 185, 94**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **232, 147, 241**, and **120, 42, 131** is the 20% darker color. If you saturate the color by 10%, you get **173, 76, 185**, and if you desaturate by 10%, it is **177, 113, 185**.

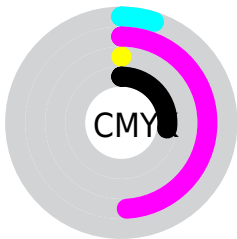
Distribution



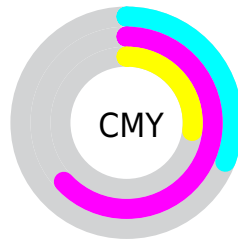
- Red (69%)
- Green (37%)
- Blue (73%)



- Red (69%)
- Yellow (37%)
- Blue (73%)



- Cyan (5%)
- Magenta (49%)
- Yellow (0%)
- Black (27%)




- Cyan (31%)
- Magenta (63%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the RGB color 175, 94, 185 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 175, 94, 185 by changing the saturation by 10% instead.

 175, 94, 185

255, 255, 255

 232, 147, 241

 255, 175, 255

 255, 203, 255

 255, 231, 255

 175, 94, 185


 147, 68, 158

 120, 42, 131

 94, 12, 106

 68, 0, 81

 45, 0, 58

 11, 0, 35

 0, 0, 10

 0, 0, 0

 175, 94, 185

 175, 94, 185

173, 76, 185

177, 113, 185

171, 57, 185

179, 131, 185

169, 39, 185

181, 150, 185

167, 20, 185

183, 168, 185

165, 1, 185

185, 187, 185

165, 0, 185

187, 205, 185

189, 224, 185

191, 242, 185

193, 255, 185

Harmonies

Analogous

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



104, 117, 217



175, 94, 185



209, 77, 138

Triad

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



175, 94, 185



159, 119, 5



0, 148, 164

Complementary

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



175, 94, 185



104, 185, 94

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, 148, 113



175, 94, 185



112, 134, 18

Square

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



175, 94, 185



194, 99, 44



41, 144, 63



0, 145, 205

Rectangle

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



175, 94, 185



215, 76, 105



41, 144, 63



0, 149, 147

Sweetspot

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



175, 94, 185



236, 204, 240



94, 105, 185



117, 98, 120



247, 247, 247



120, 120, 120

Same Dimension

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



175, 94, 185



224, 98, 240



185, 94, 150



91, 83, 92



138, 0, 156



25, 0, 28

Inverse Universe

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



185, 94, 104



240, 98, 114



94, 185, 129



92, 83, 84



156, 0, 17



28, 0, 3

Previews

White Background



This preview shows how the RGB color 175, 94, 185 looks on a white background.

Color Contrast Check

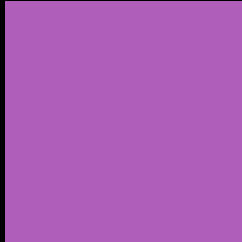
Large Text (above 18pt) WCAG AA ✓ Pass

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 175, 94, 185 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 175, 94, 185 Background



This preview shows how black text looks on a background with the RGB color 175, 94, 185.

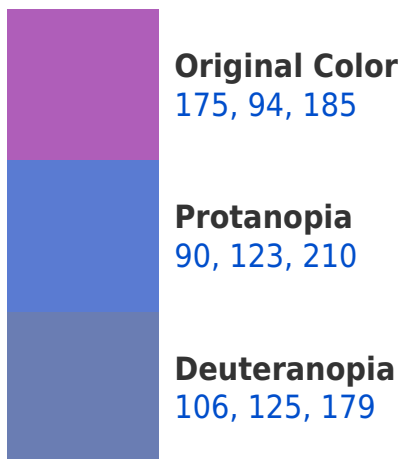


This preview shows how white text looks on a background with the RGB color 175, 94, 185.

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
166, 110, 118

Trichromacy



Original Color

175, 94, 185



Protanomaly

121, 112, 201



Deuteranomaly

131, 114, 181



Tritanomaly

169, 104, 142

Monochromacy



Original Color

175, 94, 185



Achromatopsia

129, 129, 129



Achromatomaly

146, 116, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 94, 185 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(175, 94, 185)` looks like.

```
.text, #text, p{  
    color:rgb(175, 94, 185)  
}
```

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(175, 94, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 94, 185) }
```

Border

The CSS property to change the border of an element to RGB 175, 94, 185 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(175, 94, 185) }
```

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

```
.border{ border-color:rgb(175, 94, 185) }
```

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

Here you see how a box with a 4 pixel rgb(175, 94, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 94, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 94, 185);  
box-shadow:4px 4px 4px 4px rgb(175, 94,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 175, 94, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 94, 185) }
```

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

```
.background{ background-color: rgb(175, 94,  
185) }
```

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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