

# Converting Colors

RGB(175, 98, 153)

Have a look what the booklet for  
RGB(175, 98, 153) contains.

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**Color**

**RGB(175, 98, 153)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF6299
RGB	175, 98, 153
RGB Percent	69%, 38%, 60%
CMY	0.3137, 0.6157, 0.4000
CMYK	0.00, 0.44, 0.13, 0.31
HSL	317°, 32%, 54%
HSV	317°, 44%, 69%
XYZ	27.7966, 20.1492, 32.5611
YIQ	127.2930, 28.2370, 33.4290

# Conversions

## Conversions Part 2

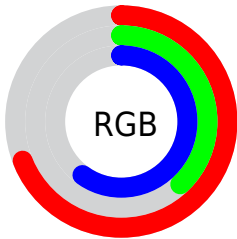
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 98, 153
Decimal	11494041
CIE <sub>Lab</sub>	52.01, 38.76, -16.49
CIE <sub>LCh</sub>	52, 42.122, 336.947
Yxy	20.1492, 0.3453, 0.2503
Android (android.graphics.Color)	4289684121 (0xFFAF6299)
YUV	127.2930, 12.6736, 41.8390
Hunter-Lab	44.8879, 31.9816, -11.5867

# Details

The RGB color **175, 98, 153** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **98, 175, 120**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **232, 151, 207**, and **121, 48, 102** is the 20% darker color. If you saturate the color by 10%, you get **175, 81, 148**, and if you desaturate by 10%, it is **175, 116, 158**.

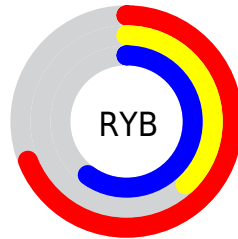
# Distribution



Red (69%)

Green (38%)

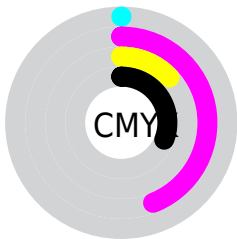
Blue (60%)



Red (69%)

Yellow (38%)

Blue (60%)

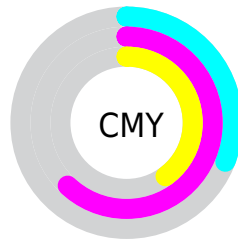


Cyan (0%)

Magenta (44%)

Yellow (13%)

Black (31%)



Cyan (31%)

Magenta (62%)


Yellow (40%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 175, 98, 153 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, 98, 153 by changing the saturation by 10% instead.



 175, 98, 153

255, 255, 255

 232, 151, 207


 255, 178, 236

 255, 206, 255

 255, 234, 255

 175, 98, 153

 147, 73, 127

 121, 48, 102

 95, 22, 78

 69, 0, 55

 47, 0, 34


 8, 0, 7

 0, 0, 0

 175, 98, 153

 175, 81, 148

 175, 98, 153

 175, 116, 158

 175, 63, 143


 175, 133, 163

 175, 46, 138

 175, 151, 168

 175, 28, 133

 175, 168, 173

 175, 11, 128

 175, 186, 178

 175, 0, 125

 175, 203, 183

 175, 221, 188

 175, 238, 193

 175, 255, 198

# Harmonies

## Analogous

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



138, 111, 182



175, 98, 153



191, 93, 117

# Triad

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



175, 98, 153



137, 125, 49



0, 141, 166

# Complementary

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



175, 98, 153



98, 175, 120

# 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, 142, 132



175, 98, 153



99, 134, 64

# Square

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



175, 98, 153



167, 112, 57



45, 140, 94



0, 135, 190

# Rectangle

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



175, 98, 153



190, 96, 93



45, 140, 94



0, 142, 156



# Sweetspot

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



175, 98, 153



227, 197, 219



120, 98, 175



115, 96, 110



242, 242, 242



115, 115, 115



# Same Dimension

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



175, 98, 153



227, 107, 193



175, 98, 115



87, 78, 84



150, 0, 107



23, 0, 16



# Inverse Universe

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



175, 98, 153



227, 107, 193



98, 175, 158



87, 78, 84



150, 0, 107

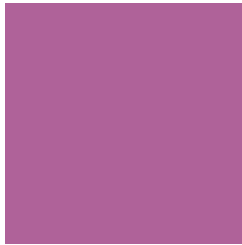


23, 0, 16



# Previews

## White Background



This preview shows how the RGB color 175, 98, 153 looks on a white background.

## Color Contrast Check

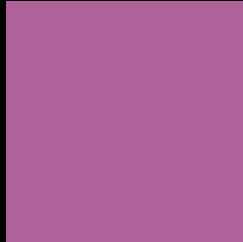
Large Text (above 18pt) WCAG AA ✓ Pass

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, 98, 153 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

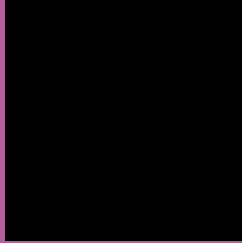
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 175, 98, 153 Background



This preview shows how black text looks on a background with the RGB color 175, 98, 153.

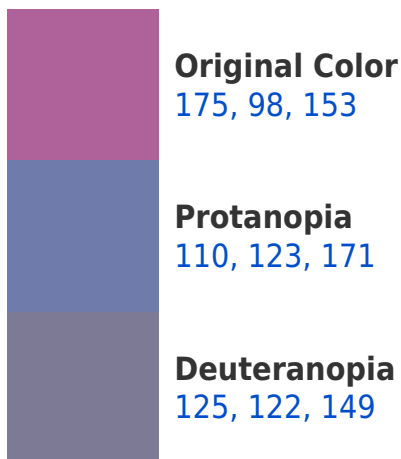


This preview shows how white text looks on a background with the RGB color 175, 98, 153.

# 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**  
171, 106, 114

# Trichromacy



**Original Color**  
175, 98, 153

**Protanomaly**  
134, 114, 164

**Deuteranomaly**  
143, 113, 150

**Tritanomaly**  
172, 103, 128

# Monochromacy



**Original Color**  
175, 98, 153

**Achromatopsia**  
127, 127, 127

**Achromatomaly**  
144, 116, 136

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 175, 98, 153 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, 98, 153)` looks like.

```
.text, #text, p{  
    color:rgb(175, 98, 153)  
}
```

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, 98, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 98, 153) }
```

## Border

The CSS property to change the border of an element to RGB 175, 98, 153 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, 98, 153) }
```

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

```
.border{ border-color:rgb(175, 98, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 98, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 98, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 98, 153);  
box-shadow:4px 4px 4px 4px rgb(175, 98,  
153) }
```

# Background

The CSS property to change the background color of an element to RGB 175, 98, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 98, 153) }
```

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

```
.background{ background-color: rgb(175, 98,  
153) }
```

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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