

# Converting Colors

RGB(165, 86, 148)

Have a look what the booklet for  
RGB(165, 86, 148) contains.

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# Color

**RGB(165, 86, 148)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A55694
RGB	165, 86, 148
RGB Percent	65%, 34%, 58%
CMY	0.3529, 0.6627, 0.4196
CMYK	0.00, 0.48, 0.10, 0.35
HSL	313°, 31%, 49%
HSV	313°, 48%, 65%
XYZ	24.1901, 16.7930, 29.9834
YIQ	116.6890, 27.1820, 36.0300

# Conversions

## Conversions Part 2

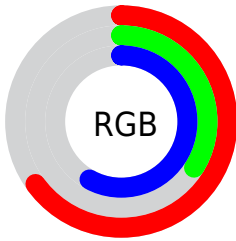
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 86, 148
Decimal	10835604
CIE <sub>Lab</sub>	48.00, 41.01, -19.78
CIE <sub>LCh</sub>	48, 45.527, 334.254
Yxy	16.7930, 0.3409, 0.2366
Android (android.graphics.Color)	4289025684 (0xFFA55694)
YUV	116.6890, 15.4363, 42.3687
Hunter-Lab	40.9793, 33.6550, -14.6953

# Details

The RGB color **165, 86, 148** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **86, 165, 103**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **222, 138, 202**, and **111, 35, 97** is the 20% darker color. If you saturate the color by 10%, you get **165, 70, 144**, and if you desaturate by 10%, it is **165, 103, 152**.

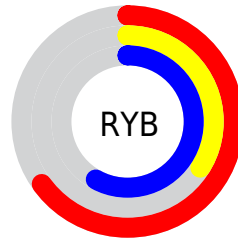
# Distribution



Red (65%)

Green (34%)

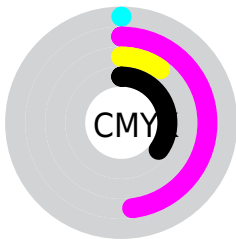
Blue (58%)



Red (65%)

Yellow (34%)

Blue (58%)

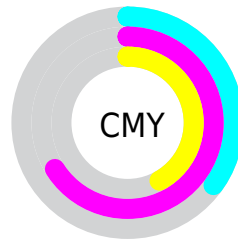


Cyan (0%)

Magenta (48%)

Yellow (10%)

Black (35%)



Cyan (35%)

Magenta (66%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 165, 86, 148 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 165, 86, 148 by changing the saturation by 10% instead.





165, 86, 148



165, 86, 148

255, 255, 255



138, 61, 122



222, 138, 202



111, 35, 97



251, 165, 230



85, 4, 73



255, 193, 255



60, 0, 50



255, 221, 255



39, 0, 29



255, 250, 255



0, 0, 0



165, 86, 148



165, 86, 148



165, 70, 144




165, 103, 152




165, 53, 141



165, 119, 155

 165, 36, 137

 165, 136, 159

 165, 20, 134

 165, 152, 162

 165, 4, 130

 165, 169, 166

 165, 0, 129

 165, 185, 169

 165, 201, 173

 165, 218, 176

 165, 235, 180

# Harmonies

## Analogous

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



123, 101, 178



165, 86, 148



183, 79, 110

# Triad

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



165, 86, 148



130, 114, 31



0, 132, 156

# Complementary

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



165, 86, 148



86, 165, 103

# 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, 133, 118



165, 86, 148



90, 124, 46

# Square

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



165, 86, 148



161, 100, 43



26, 130, 79



0, 127, 183

# Rectangle

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



165, 86, 148



184, 82, 85



26, 130, 79



0, 132, 144



# Sweetspot

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



165, 86, 148



214, 184, 208



102, 86, 165



107, 89, 103



235, 235, 235



107, 107, 107



# Same Dimension

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



165, 86, 148



214, 92, 188



165, 86, 110



82, 73, 80



145, 0, 114



18, 0, 14



# Inverse Universe

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



165, 86, 148



214, 92, 188



86, 165, 141



82, 73, 80



145, 0, 114



18, 0, 14



# Previews

## White Background



This preview shows how the RGB color 165, 86, 148 looks on a white background.

## Color Contrast Check

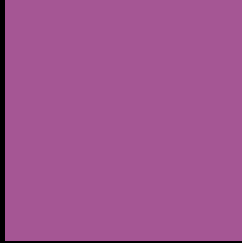
Large Text (above 18pt) WCAG AA ✓ Pass

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 165, 86, 148 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

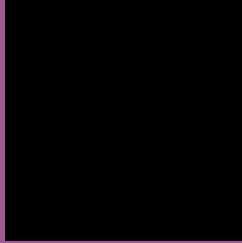
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## RGB 165, 86, 148 Background



This preview shows how black text looks on a background with the RGB color 165, 86, 148.

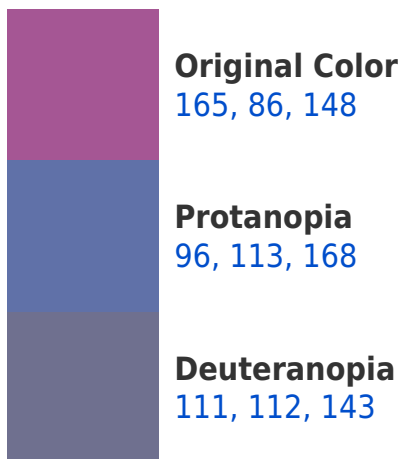



This preview shows how white text looks on a background with the RGB color 165, 86, 148.

# 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**  
160, 96, 103

# Trichromacy



**Original Color**

165, 86, 148



**Protanomaly**

121, 103, 161



**Deuteranomaly**

131, 103, 145



**Tritanomaly**

162, 92, 119

# Monochromacy



**Original Color**

165, 86, 148



**Achromatopsia**

117, 117, 117



**Achromatomaly**

134, 106, 128

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 165, 86, 148 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(165, 86, 148)` looks like.

```
.text, #text, p{  
    color:rgb(165, 86, 148)  
}
```

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(165, 86, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 86, 148) }
```

## Border

The CSS property to change the border of an element to RGB 165, 86, 148 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(165, 86, 148) }
```

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

```
.border{ border-color:rgb(165, 86, 148) }
```

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

Here you see how a box with a 4 pixel rgb(165, 86, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 86, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 86, 148);  
box-shadow:4px 4px 4px 4px rgb(165, 86,  
148) }
```

# Background

The CSS property to change the background color of an element to RGB 165, 86, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 86, 148) }
```

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

```
.background{ background-color: rgb(165, 86,  
148) }
```

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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