

# Converting Colors

RGB(207, 158, 188)

Have a look what the booklet for  
RGB(207, 158, 188) contains.

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# **Color**

**RGB(207, 158, 188)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF9EBC
RGB	207, 158, 188
RGB Percent	81%, 62%, 74%
CMY	0.1882, 0.3804, 0.2627
CMYK	0.00, 0.24, 0.09, 0.19
HSL	323°, 34%, 72%
HSV	323°, 24%, 81%
XYZ	47.0361, 41.3500, 53.0792
YIQ	176.0710, 19.5740, 19.7180

# Conversions

## Conversions Part 2

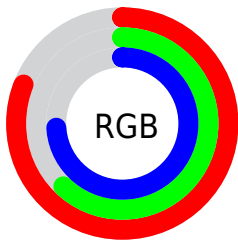
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 158, 188
Decimal	13606588
CIE <sub>Lab</sub>	70.42, 22.99, -8.40
CIE <sub>LCh</sub>	70, 24.475, 339.917
Yxy	41.3500, 0.3325, 0.2923
Android (android.graphics.Color)	4291796668 (0xFFCF9EBC)
YUV	176.0710, 5.8810, 27.1247
Hunter-Lab	64.3039, 18.0346, -3.9278

# Details

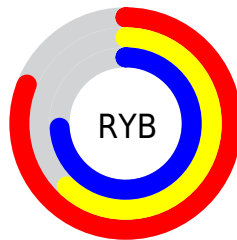
The RGB color **207, 158, 188** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **158, 207, 177**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **255, 213, 244**, and **152, 106, 135** is the 20% darker color. If you saturate the color by 10%, you get **207, 137, 180**, and if you desaturate by 10%, it is **207, 179, 196**.

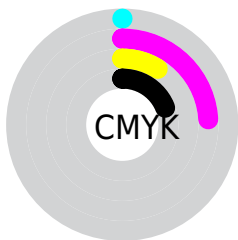
# Distribution



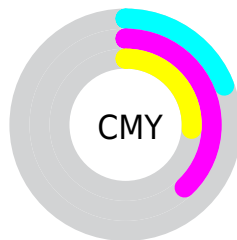
- Red (81%)
- Green (62%)
- Blue (74%)



- Red (81%)
- Yellow (62%)
- Blue (74%)



- Cyan (0%)
- Magenta (24%)
- Yellow (9%)
- Black (19%)




- Cyan (19%)
- Magenta (38%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 207, 158, 188 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 207, 158, 188 by changing the saturation by 10% instead.




 207, 158, 188


255, 255, 255

 255, 213, 244

 255, 241, 255

 207, 158, 188

 179, 132, 161

 152, 106, 135

 126, 82, 109


 100, 58, 85


 76, 35, 62


 52, 13, 40


 34, 0, 20

 0, 0, 0

 207, 158, 188

 207, 158, 188

 207, 137, 180

 207, 179, 196

 207, 117, 172

 207, 199, 204

 207, 96, 164

 207, 220, 212

 207, 75, 156

 207, 241, 220

 207, 55, 148

 207, 255, 228

 207, 34, 140

 207, 255, 236

 207, 13, 132

 207, 255, 244

 207, 0, 127

 207, 255, 252

 207, 255, 255

# Harmonies

## Analogous

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



185, 164, 206



207, 158, 188



217, 156, 165

# Triad

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



207, 158, 188



181, 173, 128



109, 183, 200

# Complementary

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



207, 158, 188



158, 207, 177

# 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.



112, 185, 179



207, 158, 188



156, 179, 138

# Square

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



207, 158, 188



202, 166, 131



131, 184, 156



126, 179, 213

# Rectangle

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



207, 158, 188



217, 158, 151



131, 184, 156



107, 184, 194



# Sweetspot

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



207, 158, 188



255, 237, 248



177, 158, 207



128, 117, 124



0, 0, 0



128, 128, 128



# Same Dimension

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



207, 158, 188



255, 184, 227



207, 158, 164



105, 94, 100



168, 0, 103



41, 0, 25



# Inverse Universe

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



207, 158, 188



255, 184, 227



158, 207, 201



105, 94, 100



168, 0, 103

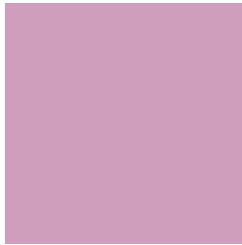


41, 0, 25



# Previews

## White Background



This preview shows how the RGB color 207, 158, 188 looks on a white background.

## Color Contrast Check

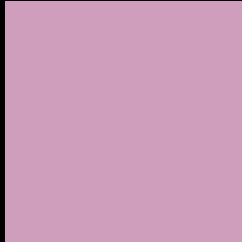
Large Text (above 18pt) WCAG AA × Fail

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 207, 158, 188 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

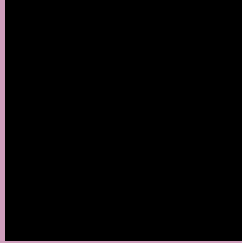
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 207, 158, 188 Background



This preview shows how black text looks on a background with the RGB color 207, 158, 188.

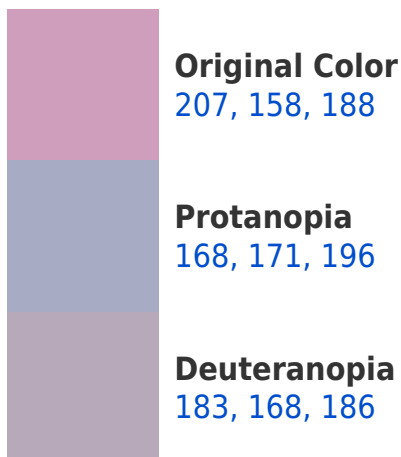



This preview shows how white text looks on a background with the RGB color 207, 158, 188.

# 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**  
205, 161, 173

# Trichromacy



**Original Color**  
207, 158, 188

**Protanomaly**  
182, 166, 193

**Deuteranomaly**  
192, 164, 187

**Tritanomaly**  
206, 160, 178

# Monochromacy



**Original Color**  
207, 158, 188

**Achromatopsia**  
176, 176, 176

**Achromatomaly**  
187, 169, 180

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 207, 158, 188 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(207, 158, 188) looks like.

```
.text, #text, p{  
    color:rgb(207, 158, 188)  
}
```

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(207, 158, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 158, 188) }
```

## Border

The CSS property to change the border of an element to RGB 207, 158, 188 is called "border". The border property can be set on classes, ids or directly on the HTML element.

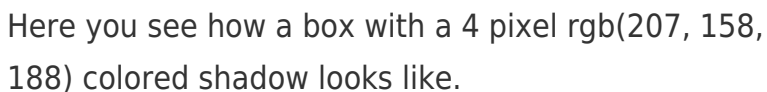
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 158, 188) }
```

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

```
.border{ border-color:rgb(207, 158, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 158, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 158, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 158, 188);  
box-shadow:4px 4px 4px 4px rgb(207, 158,  
188) }
```

# Background

The CSS property to change the background color of an element to RGB 207, 158, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 158, 188) }
```

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

```
.background{ background-color: rgb(207,  
158, 188) }
```

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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