

# Converting Colors

`RYB(211, 148, 176)`

Have a look what the booklet for  
RYB(211, 148, 176) contains.

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# Color

**$\text{RYB}(211, 148, 176)$**

# Conversions

## Conversions Part 1

Format	Color
Hex	D394B0
RGB	211, 148, 176
RGB Percent	83%, 58%, 69%
CMY	0.1725, 0.4196, 0.3098
CMYK	0.00, 0.30, 0.17, 0.17
HSL	333°, 42%, 70%
HSV	333°, 30%, 83%
XYZ	45.2903, 38.1633, 46.0535
YIQ	170.0290, 28.5600, 22.0640

# Conversions

## Conversions Part 2

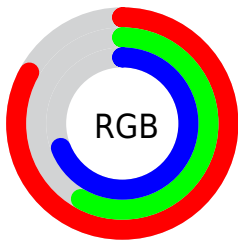
Format	Color
R <sub>Y</sub> B	211, 148, 176
Decimal	13866160
CIE Lab	68.14, 27.86, -5.06
CIE LCh	68, 28.314, 349.708
Yxy	38.1633, 0.3497, 0.2947
Android (android.graphics.Color)	4292056240 (0xFFD394B0)
YUV	170.0290, 2.9437, 35.9316
Hunter-Lab	61.7764, 22.7555, -0.9564

# Details

The RYB color **211, 148, 176** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **148, 189, 211**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **255, 203, 232**, and **155, 96, 124** is the 20% darker color. If you saturate the color by 10%, you get **211, 127, 164**, and if you desaturate by 10%, it is **211, 169, 188**.

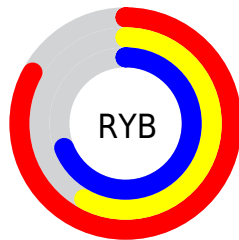
# Distribution



Red (83%)

Green (58%)

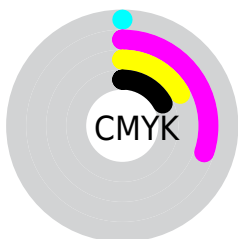
Blue (69%)



Red (83%)

Yellow (58%)

Blue (69%)

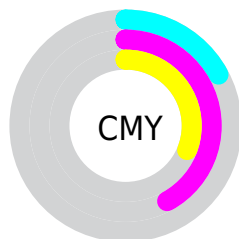


Cyan (0%)

Magenta (30%)

Yellow (17%)

Black (17%)



Cyan (17%)

Magenta (42%)


Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the RYB color 211, 148, 176 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 RYB color 211, 148, 176 by changing the saturation by 10% instead.



 211, 148, 176

 211, 148, 176

255, 255, 255

 183, 122, 149

 255, 203, 232

 155, 96, 124

 255, 231, 255

 129, 72, 99

 103, 48, 75


 77, 25, 52


 53, 2, 31


 33, 0, 5


 0, 0, 0


 211, 148, 176


 211, 148, 176


 211, 127, 164


 211, 169, 188


 211, 106, 153


 211, 190, 199


 211, 85, 141


 211, 211, 211

 211, 64, 129


 211, 224, 232

 211, 43, 117

 211, 239, 254

 211, 21, 106

 211, 236, 255

 211, 0, 94

 211, 233, 255

# Harmonies

## Analogous

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



190, 154, 199



211, 148, 176



218, 148, 150

# Triad

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



211, 148, 176



118, 170, 121



91, 140, 204

# Complementary

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



211, 148, 176



148, 189, 211

# 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.



88, 134, 182



211, 148, 176



132, 176, 170

# Square

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



211, 148, 176



168, 192, 116



109, 152, 180



120, 153, 216

# Rectangle

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



211, 148, 176



214, 155, 135



109, 152, 180



87, 137, 198



# Sweetspot

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



211, 148, 176



255, 232, 242



183, 148, 211



128, 113, 120



0, 0, 0



128, 128, 128



# Same Dimension

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



211, 148, 176



255, 163, 204



211, 151, 148



105, 94, 99



168, 0, 75



41, 0, 18



# Inverse Universe

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



211, 148, 176



255, 163, 204



148, 179, 211



105, 94, 99



168, 0, 75



41, 0, 18



# Previews

## White Background



This preview shows how the RYB color 211, 148, 176 looks on a white background.

## Color Contrast Check

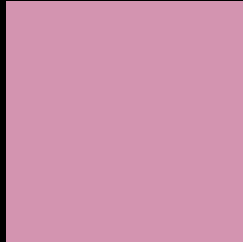
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RYB color 211, 148, 176 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](#).



## **RYB 211, 148, 176 Background**



This preview shows how black text looks on a background with the RYB color 211, 148, 176.

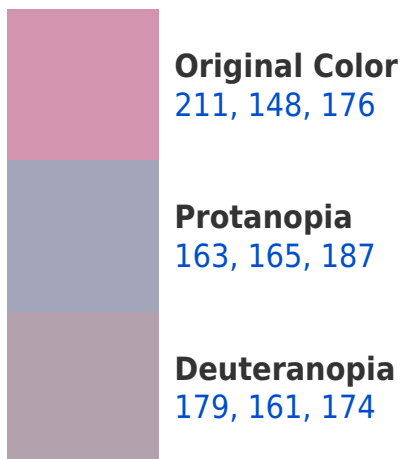



This preview shows how white text looks on a background with the RYB color 211, 148, 176.

# 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](#).

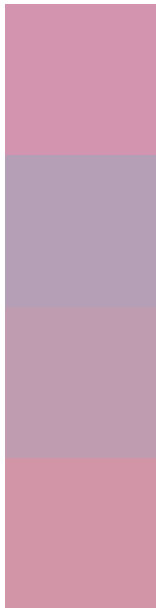
## Dichromacy





**Tritanopia**  
209, 150, 162

# Trichromacy



**Original Color**

211, 148, 176

**Protanomaly**

180, 159, 183

**Deuteranomaly**

191, 156, 175

**Tritanomaly**

210, 149, 167

# Monochromacy



**Original Color**

211, 148, 176

**Achromatopsia**

170, 170, 170

**Achromatomaly**

185, 162, 172

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 211, 148, 176 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(211, 148, 176) looks like.

```
.text, #text, p{  
    color:rgb(211, 148, 176)  
}
```

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(211, 148, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 148, 176) }
```

## Border

The CSS property to change the border of an element to RYB 211, 148, 176 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(211, 148, 176) }
```

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

```
.border{ border-color:rgb(211, 148, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 148, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 148, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 148, 176);  
box-shadow:4px 4px 4px 4px rgb(211, 148,  
176) }
```

# Background

The CSS property to change the background color of an element to RGB 211, 148, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 148, 176) }
```

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

```
.background{ background-color: rgb(211,  
148, 176) }
```

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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