

# Converting Colors

RGB(210, 176, 190)

Have a look what the booklet for  
RGB(210, 176, 190) contains.

<b>RGB(210, 176, 190)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(210, 176, 190)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2B0BE
RGB	210, 176, 190
RGB Percent	82%, 69%, 75%
CMY	0.1765, 0.3098, 0.2549
CMYK	0.00, 0.16, 0.10, 0.18
HSL	335°, 27%, 76%
HSV	335°, 16%, 82%
XYZ	51.3979, 48.4700, 55.3619
YIQ	187.7620, 15.7700, 11.5620

# Conversions

## Conversions Part 2

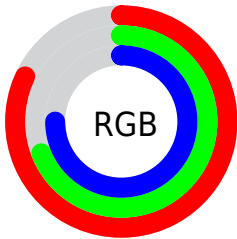
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	210, 176, 190
Decimal	13807806
CIE <sub>Lab</sub>	75.12, 14.59, -2.53
CIE <sub>LCh</sub>	75, 14.811, 350.182
Yxy	48.4700, 0.3311, 0.3122
Android (android.graphics.Color)	4291997886 (0xFFD2B0BE)
YUV	187.7620, 1.1033, 19.5027
Hunter-Lab	69.6204, 9.9436, 1.5871

# Details

The RGB color **210, 176, 190** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **176, 210, 196**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **255, 232, 246**, and **155, 123, 137** is the 20% darker color. If you saturate the color by 10%, you get **210, 155, 178**, and if you desaturate by 10%, it is **210, 197, 202**.

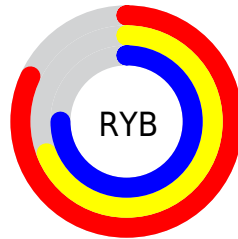
# Distribution



Red (82%)

Green (69%)

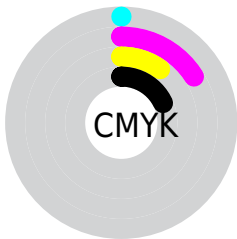
Blue (75%)



Red (82%)

Yellow (69%)

Blue (75%)

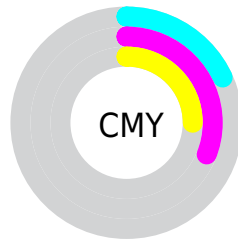


Cyan (0%)

Magenta (16%)

Yellow (10%)

Black (18%)



Cyan (18%)

Magenta (31%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 210, 176, 190 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 210, 176, 190 by changing the saturation by 10% instead.




 210, 176, 190

255, 255, 255

 255, 232, 246

 210, 176, 190

 182, 149, 163

 155, 123, 137

 129, 98, 111

 104, 74, 87


 79, 52, 64

 56, 30, 42


 34, 8, 21


 0, 0, 0

 210, 176, 190


 210, 176, 190

 210, 155, 178


 210, 197, 202

 210, 134, 165

 210, 218, 215

 210, 113, 153

 210, 239, 227

 210, 92, 141

 210, 255, 239

 210, 71, 128

 210, 255, 252

 210, 50, 116

 210, 255, 255

 210, 29, 104

 210, 8, 91

 210, 0, 86

# Harmonies

## Analogous

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



198, 179, 203



210, 176, 190



214, 176, 176

# Triad

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



210, 176, 190



186, 187, 159



153, 191, 205

# Complementary

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



210, 176, 190



176, 210, 196

# 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.



150, 193, 194



210, 176, 190



170, 191, 167

# Square

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



210, 176, 190



200, 182, 158



157, 193, 180



165, 188, 211

# Rectangle

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



210, 176, 190



213, 177, 168



157, 193, 180



151, 192, 202



# Sweetspot

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



210, 176, 190



255, 242, 248



196, 176, 210



128, 120, 123



0, 0, 0



128, 128, 128



# Same Dimension

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



210, 176, 190



255, 207, 227



210, 179, 176



105, 94, 98



168, 0, 69



41, 0, 17



# Inverse Universe

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



210, 176, 190



255, 207, 227



176, 207, 210



105, 94, 98



168, 0, 69



41, 0, 17



# Previews

## White Background



This preview shows how the RGB color 210, 176, 190 looks on a white background.

## Color Contrast Check

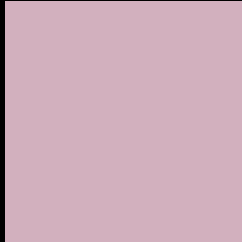
Large Text (above 18pt) WCAG AA × Fail

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 210, 176, 190 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

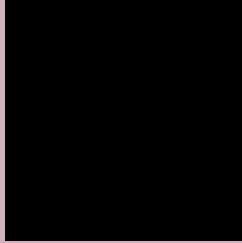
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 210, 176, 190 Background



This preview shows how black text looks on a background with the RGB color 210, 176, 190.



This preview shows how white text looks on a background with the RGB color 210, 176, 190.

# 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



**Original Color**  
210, 176, 190

**Protanopia**  
186, 184, 195

**Deuteranopia**  
201, 179, 189



**Tritanopia**  
210, 176, 190

# Trichromacy



**Original Color**  
210, 176, 190

**Protanomaly**  
195, 181, 193

**Deuteranomaly**  
204, 178, 189

**Tritanomaly**  
210, 176, 190

# Monochromacy



**Original Color**  
210, 176, 190

**Achromatopsia**  
188, 188, 188

**Achromatomaly**  
196, 184, 189

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 210, 176, 190 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(210, 176, 190) looks like.

```
.text, #text, p{  
    color:rgb(210, 176, 190)  
}
```

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(210, 176, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 176, 190) }
```

## Border

The CSS property to change the border of an element to RGB 210, 176, 190 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(210, 176, 190) }
```

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

```
.border{ border-color:rgb(210, 176, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 176, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 176, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 176, 190);  
box-shadow:4px 4px 4px 4px rgb(210, 176,  
190) }
```

# Background

The CSS property to change the background color of an element to RGB 210, 176, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 176, 190) }
```

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

```
.background{ background-color: rgb(210,  
176, 190) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor