

# Converting Colors

RGB(213, 168, 200)

Have a look what the booklet for  
RGB(213, 168, 200) contains.

<b>RGB(213, 168, 200)</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(213, 168, 200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5A8C8
RGB	213, 168, 200
RGB Percent	84%, 66%, 78%
CMY	0.1647, 0.3412, 0.2157
CMYK	0.00, 0.21, 0.06, 0.16
HSL	317°, 35%, 75%
HSV	317°, 21%, 84%
XYZ	51.8685, 46.3215, 60.8508
YIQ	185.1030, 16.5480, 19.4920

# Conversions

## Conversions Part 2

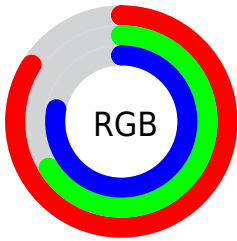
Format	Color
RYP	213, 168, 200
Decimal	14002376
CIELab	73.75, 21.72, -9.99
CIElCh	74, 23.912, 335.300
Yxy	46.3215, 0.3261, 0.2913
Android (android.graphics.Color)	4292192456 (0xFFD5A8C8)
YUV	185.1030, 7.3442, 24.4657
Hunter-Lab	68.0599, 16.9302, -5.3678

# Details

The RGB color **213, 168, 200** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **168, 213, 181**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **255, 223, 255**, and **158, 116, 146** is the 20% darker color. If you saturate the color by 10%, you get **213, 147, 194**, and if you desaturate by 10%, it is **213, 189, 206**.

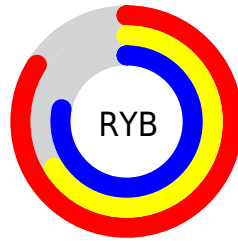
# Distribution



Red (84%)

Green (66%)

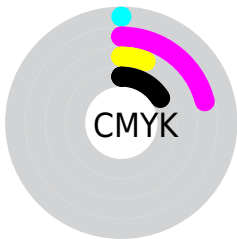
Blue (78%)



Red (84%)

Yellow (66%)

Blue (78%)

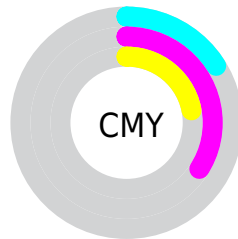


Cyan (0%)

Magenta (21%)

Yellow (6%)

Black (16%)



Cyan (16%)

Magenta (34%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 213, 168, 200 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 213, 168, 200 by changing the saturation by 10% instead.



 213, 168, 200

255, 255, 255


 255, 223, 255

 255, 252, 255


 213, 168, 200

 185, 141, 173

 158, 116, 146

 131, 91, 120

 106, 67, 96


 81, 44, 72

 57, 22, 49

 36, 0, 29


 0, 0, 0

 213, 168, 200

 213, 168, 200

 213, 147, 194

 213, 189, 206

 213, 125, 188


 213, 211, 212

 213, 104, 182


 213, 232, 218

 213, 83, 175


 213, 253, 225

 213, 61, 169


 213, 255, 231

 213, 40, 163

 213, 255, 237

 213, 19, 157

 213, 255, 243

 213, 0, 151

 213, 255, 249

 213, 255, 255

# Harmonies

## Analogous

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



190, 174, 217



213, 168, 200



225, 165, 178

# Triad

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



213, 168, 200



194, 181, 138



119, 193, 206

# Complementary

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



213, 168, 200



168, 213, 181

# 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.



125, 194, 184



213, 168, 200



170, 188, 145

# Square

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



213, 168, 200



213, 174, 142



145, 192, 162



133, 188, 220

# Rectangle

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



213, 168, 200



226, 166, 163



145, 192, 162



119, 193, 199



# Sweetspot

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



213, 168, 200



255, 240, 251



181, 168, 213



128, 119, 125



0, 0, 0



128, 128, 128



# Same Dimension

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



213, 168, 200



255, 191, 237



213, 168, 178



107, 96, 104



171, 0, 121



43, 0, 31



# Inverse Universe

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



213, 168, 200



255, 191, 237



168, 213, 203



107, 96, 104



171, 0, 121

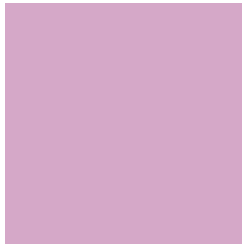


43, 0, 31



# Previews

## White Background



This preview shows how the RGB color 213, 168, 200 looks on a white background.

## Color Contrast Check

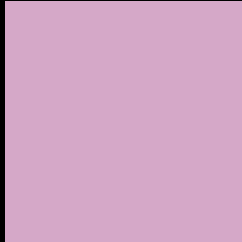
Large Text (above 18pt) WCAG AA × Fail

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 213, 168, 200 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

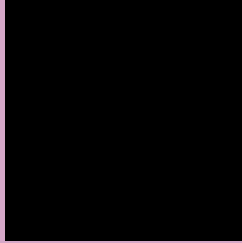
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 213, 168, 200 Background



This preview shows how black text looks on a background with the RGB color 213, 168, 200.

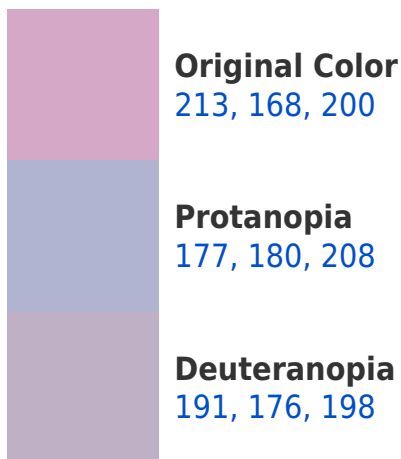


This preview shows how white text looks on a background with the RGB color 213, 168, 200.

# 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**  
211, 171, 184

# Trichromacy



**Original Color**  
213, 168, 200

**Protanomaly**  
190, 176, 205

**Deuteranomaly**  
199, 173, 199

**Tritanomaly**  
212, 170, 190

# Monochromacy



**Original Color**  
213, 168, 200

**Achromatopsia**  
185, 185, 185

**Achromatomaly**  
195, 179, 190

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 213, 168, 200 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(213, 168, 200)` looks like.

```
.text, #text, p{  
    color:rgb(213, 168, 200)  
}
```

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(213, 168, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 168, 200) }
```

## Border

The CSS property to change the border of an element to RGB 213, 168, 200 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(213, 168, 200) }
```

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

```
.border{ border-color:rgb(213, 168, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 168, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 168, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 168, 200);  
box-shadow:4px 4px 4px 4px rgb(213, 168,  
200) }
```

# Background

The CSS property to change the background color of an element to RGB 213, 168, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 168, 200) }
```

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

```
.background{ background-color: rgb(213,  
168, 200) }
```

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