

# Converting Colors

RGB(212, 168, 226)

Have a look what the booklet for  
RGB(212, 168, 226) contains.

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# Color

**RGB(212, 168, 226)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4A8E2
RGB	212, 168, 226
RGB Percent	83%, 66%, 89%
CMY	0.1686, 0.3412, 0.1137
CMYK	0.06, 0.26, 0.00, 0.11
HSL	286°, 50%, 77%
HSV	286°, 26%, 89%
XYZ	54.8815, 47.4933, 78.2261
YIQ	187.7680, 7.6060, 27.3660

# Conversions

## Conversions Part 2

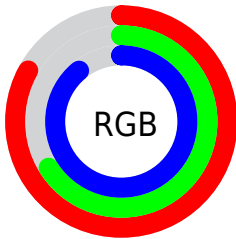
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	212, 168, 226
Decimal	13936866
CIE Lab	74.50, 26.25, -23.09
CIE LCh	75, 34.959, 318.673
Yxy	47.4933, 0.3039, 0.2630
Android (android.graphics.Color)	4292126946 (0xFFD4A8E2)
YUV	187.7680, 18.8484, 21.2515
Hunter-Lab	68.9154, 21.5484, -19.0595

# Details

The RGB color **212, 168, 226** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **182, 226, 168**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **255, 223, 255**, and **157, 116, 171** is the 20% darker color. If you saturate the color by 10%, you get **207, 145, 226**, and if you desaturate by 10%, it is **217, 191, 226**.

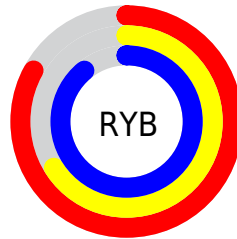
# Distribution



Red (83%)

Green (66%)

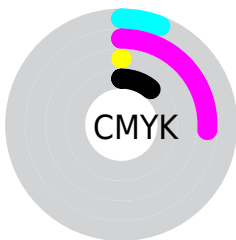
Blue (89%)



Red (83%)

Yellow (66%)

Blue (89%)

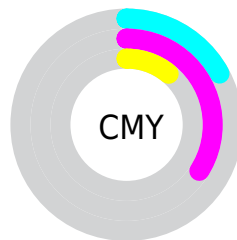


Cyan (6%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (17%)

Magenta (34%)


Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 212, 168, 226 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 212, 168, 226 by changing the saturation by 10% instead.




 212, 168, 226

255, 255, 255

 255, 223, 255


 255, 252, 255

 212, 168, 226

 184, 141, 198

 157, 116, 171

 130, 91, 144

 105, 67, 118

 80, 44, 93

 56, 21, 69


 34, 0, 47


 0, 0, 26


 0, 0, 0

 212, 168, 226

 212, 168, 226

 207, 145, 226


 217, 191, 226

 201, 123, 226

 223, 213, 226

 196, 100, 226

 228, 236, 226

 190, 78, 226


 234, 255, 226

 185, 55, 226


 239, 255, 226

 179, 32, 226

 245, 255, 226

 174, 10, 226

 250, 255, 226

 171, 0, 226

 255, 255, 226

# Harmonies

## Analogous

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



170, 179, 244



212, 168, 226



239, 160, 197

# Triad

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



212, 168, 226



216, 177, 120



77, 201, 203

# Complementary

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



212, 168, 226



182, 226, 168

# 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.



110, 200, 170



212, 168, 226



185, 188, 122

# Square

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



212, 168, 226



239, 166, 136



148, 196, 140



78, 197, 231

# Rectangle

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



212, 168, 226



246, 159, 175



148, 196, 140



86, 201, 192



# Sweetspot

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



212, 168, 226



250, 235, 255



168, 182, 226



124, 115, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



212, 168, 226



236, 176, 255



226, 168, 212



109, 101, 112



133, 0, 176



37, 0, 48



# Inverse Universe

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



226, 168, 182



255, 176, 195



168, 226, 182



112, 101, 104



176, 0, 42

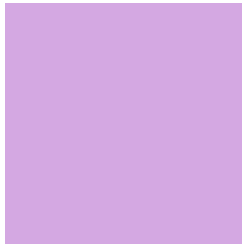


48, 0, 12



# Previews

## White Background



This preview shows how the RGB color 212, 168, 226 looks on a white background.

## Color Contrast Check

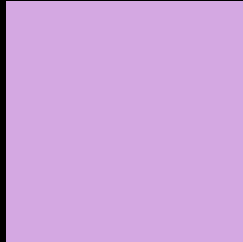
Large Text (above 18pt) WCAG AA × Fail

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 212, 168, 226 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

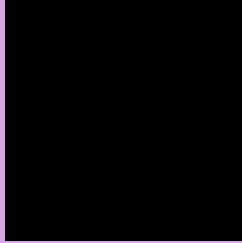
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 212, 168, 226 Background



This preview shows how black text looks on a background with the RGB color 212, 168, 226.

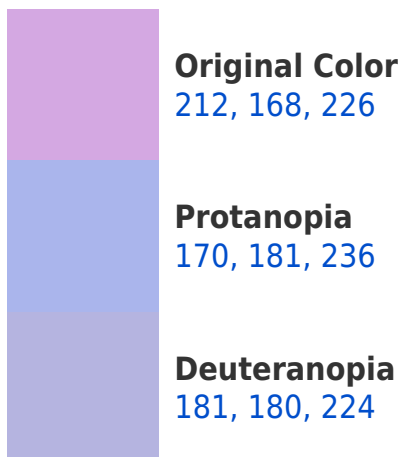


This preview shows how white text looks on a background with the RGB color 212, 168, 226.

# 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**  
206, 175, 189

# Trichromacy



**Original Color**  
212, 168, 226

**Protanomaly**  
185, 176, 232

**Deuteranomaly**  
192, 176, 225

**Tritanomaly**  
208, 172, 202

# Monochromacy



**Original Color**  
212, 168, 226

**Achromatopsia**  
188, 188, 188

**Achromatomaly**  
197, 181, 202

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 212, 168, 226 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(212, 168, 226) looks like.

```
.text, #text, p{  
    color:rgb(212, 168, 226)  
}
```

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(212, 168, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 168, 226) }
```

## Border

The CSS property to change the border of an element to RGB 212, 168, 226 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(212, 168, 226) }
```

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

```
.border{ border-color:rgb(212, 168, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 168, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 168, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 168, 226);  
box-shadow:4px 4px 4px 4px rgb(212, 168,  
226) }
```

# Background

The CSS property to change the background color of an element to RGB 212, 168, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 168, 226) }
```

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

```
.background{ background-color: rgb(212,  
168, 226) }
```

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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