

# Converting Colors

RGB(216, 148, 221)

Have a look what the booklet for  
RGB(216, 148, 221) contains.

<b>RGB(216, 148, 221)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**RGB(216, 148, 221)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D894DD
RGB	216, 148, 221
RGB Percent	85%, 58%, 87%
CMY	0.1529, 0.4196, 0.1333
CMYK	0.02, 0.33, 0.00, 0.13
HSL	296°, 52%, 72%
HSV	296°, 33%, 87%
XYZ	51.9600, 40.9992, 73.5817
YIQ	176.6540, 17.0950, 37.1190

# Conversions

## Conversions Part 2

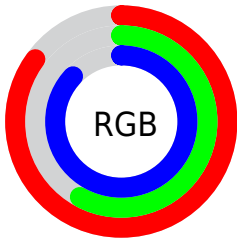
Format	Color
R <sub>Y</sub> B	216, 148, 221
Decimal	14193885
CIE Lab	70.18, 37.39, -26.93
CIE LCh	70, 46.078, 324.235
Yxy	40.9992, 0.3120, 0.2462
Android (android.graphics.Color)	4292383965 (0xFFD894DD)
YUV	176.6540, 21.8626, 34.5064
Hunter-Lab	64.0306, 32.7967, -23.3125

# Details

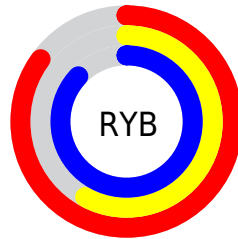
The RGB color **216, 148, 221** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **153, 221, 148**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **255, 203, 255**, and **160, 96, 166** is the 20% darker color. If you saturate the color by 10%, you get **214, 126, 221**, and if you desaturate by 10%, it is **218, 170, 221**.

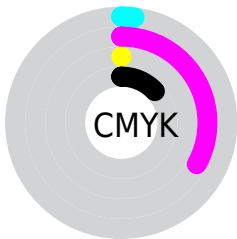
# Distribution



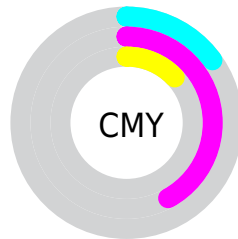
- Red (85%)
- Green (58%)
- Blue (87%)



- Red (85%)
- Yellow (58%)
- Blue (87%)



- Cyan (2%)
- Magenta (33%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (42%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 216, 148, 221 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 216, 148, 221 by changing the saturation by 10% instead.





 216, 148, 221

255, 255, 255

 255, 203, 255

 255, 231, 255


 216, 148, 221

 188, 122, 193

 160, 96, 166

 133, 71, 139

 107, 46, 114

 81, 21, 89

 57, 0, 65

 37, 0, 43


 0, 1, 21

 0, 0, 0

 216, 148, 221


 216, 148, 221

 214, 126, 221


 218, 170, 221

 213, 104, 221

 219, 192, 221

 211, 82, 221

 221, 214, 221

 210, 60, 221

 222, 236, 221

 208, 38, 221

 224, 255, 221

 207, 15, 221

 225, 255, 221

 206, 0, 221

 227, 255, 221

 228, 255, 221

 230, 255, 221

# Harmonies

## Analogous

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



163, 164, 248



216, 148, 221



245, 138, 181

# Triad

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



216, 148, 221



204, 166, 87



0, 193, 205

# Complementary

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



216, 148, 221



153, 221, 148

# 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.



36, 193, 162



216, 148, 221



163, 179, 93

# Square

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



216, 148, 221



235, 151, 105



113, 188, 121



0, 188, 238

# Rectangle

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



216, 148, 221



252, 138, 153



113, 188, 121



0, 193, 191



# Sweetspot

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



216, 148, 221



253, 230, 255



148, 154, 221



126, 112, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



216, 148, 221



248, 153, 255



221, 148, 191



109, 99, 110



162, 0, 173



43, 0, 46



# Inverse Universe

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



221, 148, 153



255, 153, 160



148, 221, 178



110, 99, 99



173, 0, 12



46, 0, 3



# Previews

## White Background



This preview shows how the RGB color 216, 148, 221 looks on a white background.

## Color Contrast Check

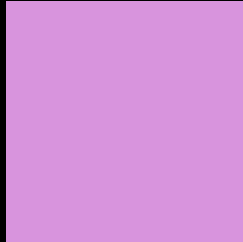
Large Text (above 18pt) WCAG AA × Fail

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 216, 148, 221 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

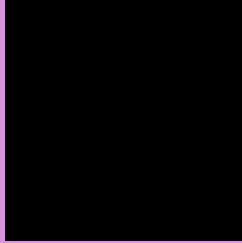
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 216, 148, 221 Background



This preview shows how black text looks on a background with the RGB color 216, 148, 221.

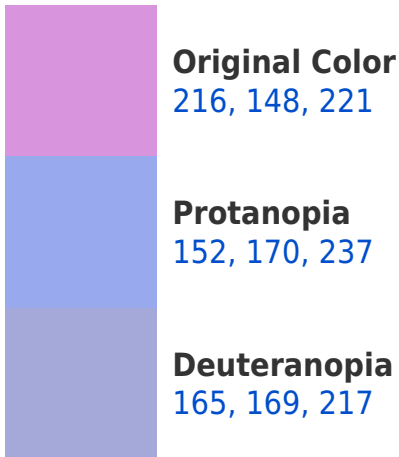



This preview shows how white text looks on a background with the RGB color 216, 148, 221.

# 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, 158, 170

# Trichromacy



**Original Color**

216, 148, 221



**Protanomaly**

175, 162, 231



**Deuteranomaly**

184, 161, 218



**Tritanomaly**

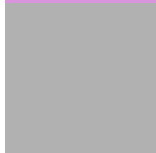
212, 154, 189

# Monochromacy



**Original Color**

216, 148, 221



**Achromatopsia**

177, 177, 177



**Achromatomaly**

191, 166, 193

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 216, 148, 221 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(216, 148, 221)` looks like.

```
.text, #text, p{  
    color:rgb(216, 148, 221)  
}
```

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(216, 148, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 148, 221) }
```

## Border

The CSS property to change the border of an element to RGB 216, 148, 221 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(216, 148, 221) }
```

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

```
.border{ border-color:rgb(216, 148, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 148, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 148, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 148, 221);  
box-shadow:4px 4px 4px 4px rgb(216, 148,  
221) }
```

# Background

The CSS property to change the background color of an element to RGB 216, 148, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 148, 221) }
```

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

```
.background{ background-color: rgb(216,  
148, 221) }
```

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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