

# Converting Colors

RGB(209, 141, 198)

Have a look what the booklet for  
RGB(209, 141, 198) contains.

<b>RGB(209, 141, 198)</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(209, 141, 198)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D18DC6
RGB	209, 141, 198
RGB Percent	82%, 55%, 78%
CMY	0.1804, 0.4471, 0.2235
CMYK	0.00, 0.33, 0.05, 0.18
HSL	310°, 42%, 69%
HSV	310°, 33%, 82%
XYZ	46.0124, 36.6823, 58.0813
YIQ	167.8300, 22.2310, 32.1430

# Conversions

## Conversions Part 2

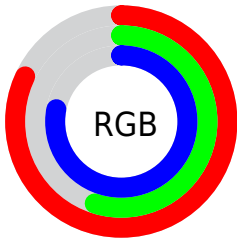
Format	Color
R <sub>Y</sub> B	209, 141, 198
Decimal	13733318
CIE Lab	67.04, 34.68, -19.03
CIE LCh	67, 39.556, 331.239
Yxy	36.6823, 0.3268, 0.2606
Android (android.graphics.Color)	4291923398 (0xFFD18DC6)
YUV	167.8300, 14.8738, 36.1061
Hunter-Lab	60.5659, 29.6176, -14.4617

# Details

The RGB color **209, 141, 198** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **141, 209, 152**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **255, 196, 255**, and **153, 89, 144** is the 20% darker color. If you saturate the color by 10%, you get **209, 120, 195**, and if you desaturate by 10%, it is **209, 162, 201**.

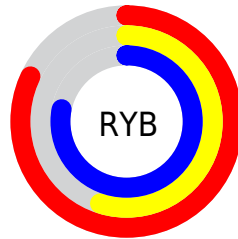
# Distribution



Red (82%)

Green (55%)

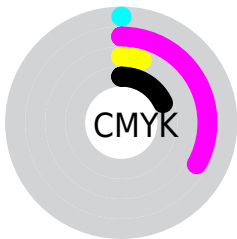
Blue (78%)



Red (82%)

Yellow (55%)

Blue (78%)

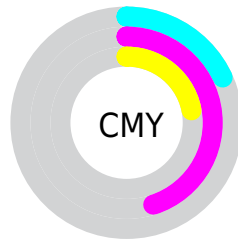


Cyan (0%)

Magenta (33%)

Yellow (5%)

Black (18%)



Cyan (18%)

Magenta (45%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 209, 141, 198 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 209, 141, 198 by changing the saturation by 10% instead.




 209, 141, 198

 209, 141, 198

255, 255, 255

 181, 115, 171


 255, 196, 255

 153, 89, 144

 255, 224, 255

 127, 65, 118

 255, 253, 255

 101, 41, 94

 76, 15, 70

 51, 0, 47

 29, 0, 26

 0, 0, 0

 209, 141, 198

 209, 141, 198

 209, 120, 195

 209, 162, 201

 209, 99, 191

 209, 183, 205

 209, 78, 188

 209, 204, 208

 209, 57, 184

 209, 225, 212

 209, 37, 181

 209, 246, 215

 209, 16, 178

 209, 255, 218

 209, 0, 175

 209, 255, 222

 209, 255, 225

 209, 255, 228

# Harmonies

## Analogous

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



169, 153, 224



209, 141, 198



230, 135, 163

# Triad

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



209, 141, 198



185, 162, 91



0, 181, 199

# Complementary

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



209, 141, 198



141, 209, 152

# 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.



47, 182, 163



209, 141, 198



147, 172, 101

# Square

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



209, 141, 198



214, 149, 102



104, 179, 128



31, 176, 225

# Rectangle

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



209, 141, 198



232, 136, 139



104, 179, 128



0, 182, 188



# Sweetspot

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



209, 141, 198



255, 230, 251



151, 141, 209



128, 112, 125



0, 0, 0



128, 128, 128



# Same Dimension

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



209, 141, 198



255, 156, 239



209, 141, 165



105, 94, 103



168, 0, 141



41, 0, 34



# Inverse Universe

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



209, 141, 198



255, 156, 239



141, 209, 185



105, 94, 103



168, 0, 141



41, 0, 34



# Previews

## White Background



This preview shows how the RGB color 209, 141, 198 looks on a white background.

## Color Contrast Check

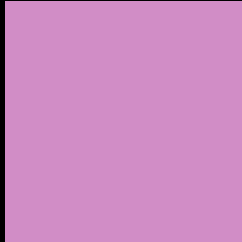
Large Text (above 18pt) WCAG AA × Fail

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 209, 141, 198 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

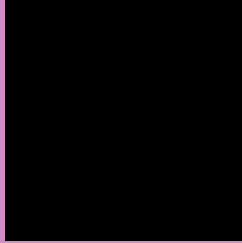
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 209, 141, 198 Background



This preview shows how black text looks on a background with the RGB color 209, 141, 198.

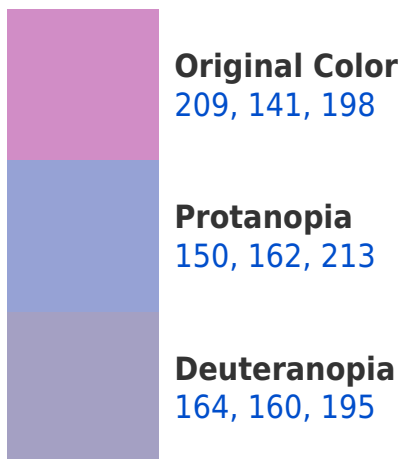



This preview shows how white text looks on a background with the RGB color 209, 141, 198.

# 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**  
204, 148, 160

# Trichromacy



**Original Color**  
209, 141, 198

**Protanomaly**  
171, 154, 208

**Deuteranomaly**  
180, 153, 196

**Tritanomaly**  
206, 145, 174

# Monochromacy



**Original Color**  
209, 141, 198

**Achromatopsia**  
168, 168, 168

**Achromatomaly**  
183, 158, 179

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 209, 141, 198 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(209, 141, 198)` looks like.

```
.text, #text, p{  
    color:rgb(209, 141, 198)  
}
```

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(209, 141, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 141, 198) }
```

## Border

The CSS property to change the border of an element to RGB 209, 141, 198 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(209, 141, 198) }
```

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

```
.border{ border-color:rgb(209, 141, 198) }
```

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

Here you see how a box with a 4 pixel rgb(209, 141, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 141, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 141, 198);  
box-shadow:4px 4px 4px 4px rgb(209, 141,  
198) }
```

# Background

The CSS property to change the background color of an element to RGB 209, 141, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 141, 198) }
```

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

```
.background{ background-color: rgb(209,  
141, 198) }
```

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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