

Converting Colors

RGB(209, 128, 189)

Have a look what the booklet for
RGB(209, 128, 189) contains.

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Color

RGB(209, 128, 189)

Conversions

Conversions Part 1

Format	Color
Hex	D180BD
RGB	209, 128, 189
RGB Percent	82%, 50%, 74%
CMY	0.1804, 0.4980, 0.2588
CMYK	0.00, 0.39, 0.10, 0.18
HSL	315°, 47%, 66%
HSV	315°, 39%, 82%
XYZ	43.1990, 32.6678, 52.1728
YIQ	159.1730, 28.6950, 36.1430

Conversions

Conversions Part 2

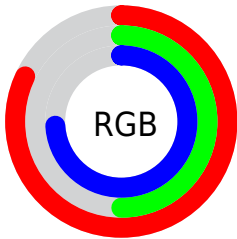
Format	Color
R _Y B	209, 128, 189
Decimal	13729981
CIE Lab	63.89, 40.07, -18.76
CIE LCh	64, 44.245, 334.911
Yxy	32.6678, 0.3374, 0.2551
Android (android.graphics.Color)	4291920061 (0xFFD180BD)
YUV	159.1730, 14.7047, 43.6983
Hunter-Lab	57.1557, 34.8899, -14.1120

Details

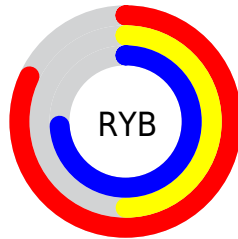
The RGB color **209, 128, 189** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **128, 209, 148**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **255, 182, 245**, and **153, 76, 136** is the 20% darker color. If you saturate the color by 10%, you get **209, 107, 184**, and if you desaturate by 10%, it is **209, 149, 194**.

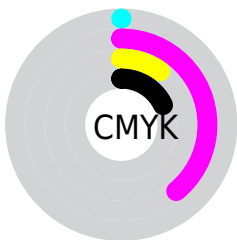
Distribution



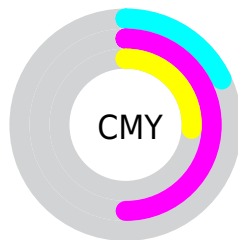
- Red (82%)
- Green (50%)
- Blue (74%)



- Red (82%)
- Yellow (50%)
- Blue (74%)



- Cyan (0%)
- Magenta (39%)
- Yellow (10%)
- Black (18%)



- Cyan (18%)
- Magenta (50%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 209, 128, 189 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, 128, 189 by changing the saturation by 10% instead.

 209, 128, 189


255, 255, 255


 255, 182, 245

 255, 210, 255

 255, 239, 255

 209, 128, 189

 181, 102, 162

 153, 76, 136

 126, 51, 110

 100, 25, 86

 74, 0, 62

 50, 0, 40

 22, 0, 18

 0, 0, 0

 209, 128, 189

 209, 128, 189

 209, 107, 184

 209, 149, 194

 209, 86, 179

 209, 170, 199

 209, 65, 174

 209, 191, 204

 209, 44, 168

 209, 212, 210

 209, 24, 163

 209, 233, 215

 209, 3, 158

 209, 253, 220

 209, 0, 157

 209, 255, 225

 209, 255, 230

 209, 255, 235

Harmonies

Analogous

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



167, 142, 220



209, 128, 189



228, 122, 150

Triad

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



209, 128, 189



173, 155, 74



0, 174, 199

Complementary

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



209, 128, 189



128, 209, 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.



0, 175, 160



209, 128, 189



131, 166, 88

Square

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



209, 128, 189



206, 141, 84



79, 172, 120



0, 168, 226

Rectangle

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



209, 128, 189



229, 125, 124



79, 172, 120



0, 175, 187

Sweetspot

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



209, 128, 189



255, 224, 247



147, 128, 209



128, 110, 123



0, 0, 0



128, 128, 128

Same Dimension

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



209, 128, 189



255, 135, 225



209, 128, 150



105, 94, 102



168, 0, 127



41, 0, 31

Inverse Universe

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



209, 128, 189



255, 135, 225



128, 209, 187



105, 94, 102



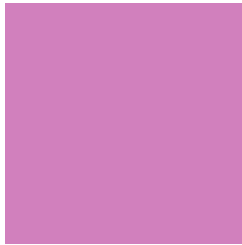
168, 0, 127



41, 0, 31

Previews

White Background



This preview shows how the RGB color 209, 128, 189 looks on a white background.

Color Contrast Check

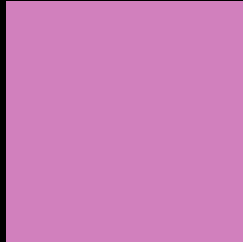
Large Text (above 18pt) WCAG AA × Fail

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, 128, 189 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, 128, 189 Background



This preview shows how black text looks on a background with the RGB color 209, 128, 189.

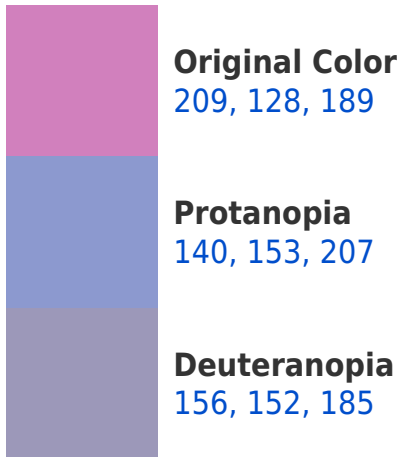



This preview shows how white text looks on a background with the RGB color 209, 128, 189.

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, 136, 147

Trichromacy



Original Color

209, 128, 189



Protanomaly

165, 144, 200



Deuteranomaly

175, 143, 186



Tritanomaly

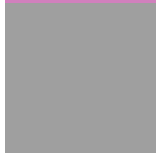
206, 133, 162

Monochromacy



Original Color

209, 128, 189



Achromatopsia

159, 159, 159



Achromatomaly

177, 148, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 128, 189 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, 128, 189) looks like.

```
.text, #text, p{  
    color:rgb(209, 128, 189)  
}
```

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, 128, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 128, 189) }
```

Border

The CSS property to change the border of an element to RGB 209, 128, 189 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, 128, 189) }
```

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

```
.border{ border-color:rgb(209, 128, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 128, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 128, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 128, 189);  
box-shadow:4px 4px 4px 4px rgb(209, 128,  
189) }
```

Background

The CSS property to change the background color of an element to RGB 209, 128, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 128, 189) }
```

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

```
.background{ background-color: rgb(209,  
128, 189) }
```

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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