

Converting Colors

RGB(209, 125, 178)

Have a look what the booklet for
RGB(209, 125, 178) contains.

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Color

RGB(209, 125, 178)

Conversions

Conversions Part 1

Format	Color
Hex	D17DB2
RGB	209, 125, 178
RGB Percent	82%, 49%, 70%
CMY	0.1804, 0.5098, 0.3020
CMYK	0.00, 0.40, 0.15, 0.18
HSL	322°, 48%, 65%
HSV	322°, 40%, 82%
XYZ	41.6640, 31.4369, 45.9915
YIQ	156.1580, 33.0510, 34.2910

Conversions

Conversions Part 2

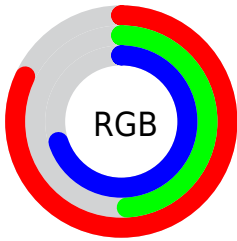
Format	Color
R _{YB}	209, 125, 178
Decimal	13729202
CIE _{Lab}	62.87, 39.84, -14.07
CIE _{LCh}	63, 42.254, 340.549
Yxy	31.4369, 0.3498, 0.2640
Android (android.graphics.Color)	4291919282 (0xFFD17DB2)
YUV	156.1580, 10.7681, 46.3424
Hunter-Lab	56.0686, 34.5214, -9.3859

Details

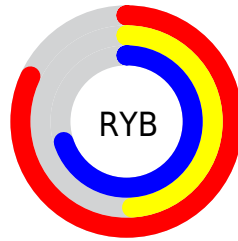
The RGB color **209, 125, 178** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **125, 209, 156**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **255, 179, 234**, and **153, 73, 125** is the 20% darker color. If you saturate the color by 10%, you get **209, 104, 170**, and if you desaturate by 10%, it is **209, 146, 186**.

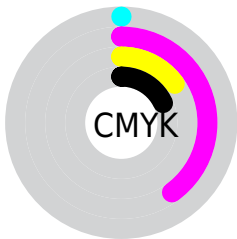
Distribution



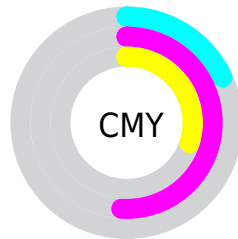
- Red (82%)
- Green (49%)
- Blue (70%)



- Red (82%)
- Yellow (49%)
- Blue (70%)



- Cyan (0%)
- Magenta (40%)
- Yellow (15%)
- Black (18%)



- Cyan (18%)
- Magenta (51%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 209, 125, 178 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, 125, 178 by changing the saturation by 10% instead.

 209, 125, 178


255, 255, 255

 255, 179, 234

 255, 207, 255

 255, 236, 255

 209, 125, 178

 181, 99, 151

 153, 73, 125

 126, 48, 100

 99, 22, 76

 74, 0, 53

 50, 0, 32

 19, 0, 5

 0, 0, 0

 209, 125, 178

 209, 125, 178

209, 104, 170

209, 146, 186

209, 83, 163

209, 167, 193

209, 62, 155

209, 188, 201

209, 41, 147

209, 209, 209

209, 20, 139

209, 230, 217

209, 0, 132

209, 250, 224

209, 255, 232

209, 255, 240

209, 255, 247

Harmonies

Analogous

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



173, 137, 209



209, 125, 178



224, 121, 140

Triad

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



209, 125, 178



162, 154, 76



0, 170, 200

Complementary

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



209, 125, 178



125, 209, 156

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, 172, 165



209, 125, 178



121, 164, 93

Square

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



209, 125, 178



196, 141, 81



69, 170, 126



3, 163, 222

Rectangle

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



209, 125, 178



222, 125, 116



69, 170, 126



0, 171, 189

Sweetspot

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



209, 125, 178



255, 224, 244



156, 125, 209



128, 110, 121



0, 0, 0



128, 128, 128

Same Dimension

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



209, 125, 178



255, 133, 210



209, 125, 136



105, 94, 101



168, 0, 106



41, 0, 26

Inverse Universe

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



209, 125, 178



255, 133, 210



125, 209, 198



105, 94, 101



168, 0, 106



41, 0, 26

Previews

White Background



This preview shows how the RGB color 209, 125, 178 looks on a white background.

Color Contrast Check

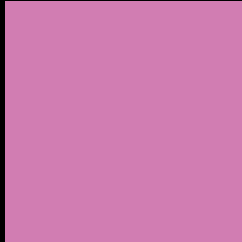
Large Text (above 18pt) WCAG AA × Fail

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, 125, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

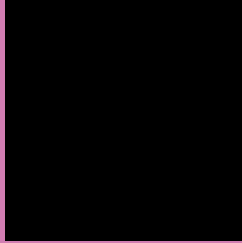
Any Text WCAG AA ✓ Pass

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, 125, 178 Background



This preview shows how black text looks on a background with the RGB color 209, 125, 178.



This preview shows how white text looks on a background with the RGB color 209, 125, 178.

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



Original Color
209, 125, 178

Protanopia
141, 151, 196

Deuteranopia
157, 149, 174



Tritanopia
205, 132, 142

Trichromacy



Original Color

209, 125, 178



Protanomaly

166, 142, 189



Deuteranomaly

176, 140, 175



Tritanomaly

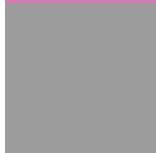
206, 129, 155

Monochromacy



Original Color

209, 125, 178



Achromatopsia

156, 156, 156



Achromatomaly

175, 145, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 125, 178 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, 125, 178) looks like.

```
.text, #text, p{  
    color:rgb(209, 125, 178)  
}
```

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, 125, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 125, 178) }
```

Border

The CSS property to change the border of an element to RGB 209, 125, 178 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, 125, 178) }
```

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

```
.border{ border-color:rgb(209, 125, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 125, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 125, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 125, 178);  
box-shadow:4px 4px 4px 4px rgb(209, 125,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 209, 125, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 125, 178) }
```

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

```
.background{ background-color: rgb(209,  
125, 178) }
```

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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