

Converting Colors

RGB(212, 128, 179)

Have a look what the booklet for
RGB(212, 128, 179) contains.

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Color

RGB(212, 128, 179)

Conversions

Conversions Part 1

Format	Color
Hex	D480B3
RGB	212, 128, 179
RGB Percent	83%, 50%, 70%
CMY	0.1686, 0.4980, 0.2980
CMYK	0.00, 0.40, 0.16, 0.17
HSL	324°, 49%, 67%
HSV	324°, 40%, 83%
XYZ	43.0072, 32.6901, 46.6909
YIQ	158.9300, 33.6930, 33.6690

Conversions

Conversions Part 2

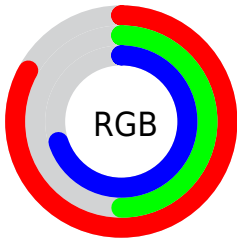
Format	Color
R _Y B	212, 128, 179
Decimal	13926579
CIE Lab	63.91, 39.42, -13.04
CIE LCh	64, 41.524, 341.692
Yxy	32.6901, 0.3514, 0.2671
Android (android.graphics.Color)	4292116659 (0xFFD480B3)
YUV	158.9300, 9.8945, 46.5424
Hunter-Lab	57.1752, 34.2111, -8.3952

Details

The RGB color **212, 128, 179** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **128, 212, 161**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **255, 182, 235**, and **156, 76, 126** is the 20% darker color. If you saturate the color by 10%, you get **212, 107, 171**, and if you desaturate by 10%, it is **212, 149, 187**.

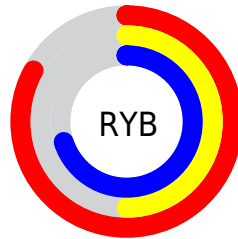
Distribution



Red (83%)

Green (50%)

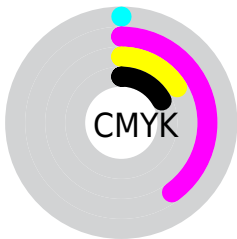
Blue (70%)



Red (83%)

Yellow (50%)

Blue (70%)

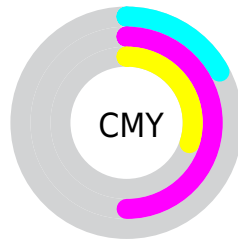


Cyan (0%)

Magenta (40%)

Yellow (16%)

Black (17%)



Cyan (17%)

Magenta (50%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 128, 179 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, 128, 179 by changing the saturation by 10% instead.


 212, 128, 179


255, 255, 255


 255, 182, 235

 255, 210, 255

 255, 239, 255

 212, 128, 179

 184, 102, 152

 156, 76, 126

 129, 51, 101

 102, 25, 77

 76, 0, 54

 52, 0, 33

 25, 0, 7

 0, 0, 0

 212, 128, 179

 212, 128, 179


 212, 107, 171

 212, 149, 187

 212, 86, 162

 212, 170, 196

 212, 64, 154


 212, 192, 204

 212, 43, 146

 212, 213, 212

 212, 22, 137

 212, 234, 221

 212, 1, 129

 212, 255, 229

 212, 0, 129

 212, 255, 237

 212, 255, 246

 212, 255, 254

Harmonies

Analogous

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



177, 140, 210



212, 128, 179



226, 125, 142

Triad

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



212, 128, 179



164, 157, 80



0, 172, 203

Complementary

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



212, 128, 179



128, 212, 161

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, 174, 169



212, 128, 179



123, 167, 98

Square

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



212, 128, 179



197, 145, 84



72, 172, 130



35, 165, 224

Rectangle

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



212, 128, 179



223, 129, 118



72, 172, 130



0, 173, 193

Sweetspot

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



212, 128, 179



255, 224, 243



160, 128, 212



128, 110, 120



0, 0, 0



128, 128, 128

Same Dimension

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



212, 128, 179



255, 133, 207



212, 128, 138



107, 96, 103



171, 0, 104



43, 0, 26

Inverse Universe

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



212, 128, 179



255, 133, 207



128, 212, 202



107, 96, 103



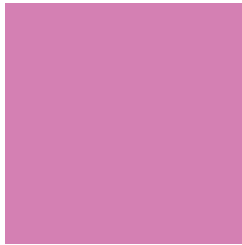
171, 0, 104



43, 0, 26

Previews

White Background



This preview shows how the RGB color 212, 128, 179 looks on a white background.

Color Contrast Check

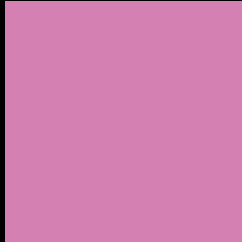
Large Text (above 18pt) WCAG AA × Fail

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, 128, 179 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, 128, 179 Background



This preview shows how black text looks on a background with the RGB color 212, 128, 179.



This preview shows how white text looks on a background with the RGB color 212, 128, 179.

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
212, 128, 179

Protanopia
145, 154, 196

Deuteranopia
161, 151, 175



Tritanopia
208, 135, 145

Trichromacy



Original Color

212, 128, 179



Protanomaly

169, 145, 190



Deuteranomaly

180, 143, 176



Tritanomaly

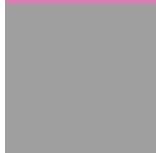
209, 132, 157

Monochromacy



Original Color

212, 128, 179



Achromatopsia

159, 159, 159



Achromatomaly

178, 148, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 128, 179 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, 128, 179) looks like.

```
.text, #text, p{  
    color:rgb(212, 128, 179)  
}
```

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, 128, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 128, 179) }
```

Border

The CSS property to change the border of an element to RGB 212, 128, 179 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, 128, 179) }
```

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

```
.border{ border-color:rgb(212, 128, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 128, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 128, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 128, 179); box-shadow:4px 4px 4px 4px rgb(212, 128, 179) }
```

Background

The CSS property to change the background color of an element to RGB 212, 128, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 128, 179) }
```

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

```
.background{ background-color: rgb(212,  
128, 179) }
```

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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