

Converting Colors

RGB(212, 105, 179)

Have a look what the booklet for
RGB(212, 105, 179) contains.

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Color

RGB(212, 105, 179)

Conversions

Conversions Part 1

Format	Color
Hex	D469B3
RGB	212, 105, 179
RGB Percent	83%, 41%, 70%
CMY	0.1686, 0.5882, 0.2980
CMYK	0.00, 0.50, 0.16, 0.17
HSL	319°, 55%, 62%
HSV	319°, 50%, 83%
XYZ	40.3396, 27.3549, 45.8017
YIQ	145.4290, 40.0180, 45.6980

Conversions

Conversions Part 2

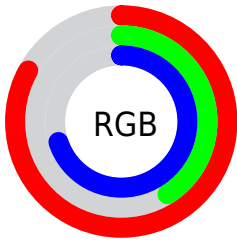
Format	Color
R _Y B	212, 105, 179
Decimal	13920691
CIE Lab	59.30, 51.18, -20.02
CIE LCh	59, 54.955, 338.630
Yxy	27.3549, 0.3554, 0.2410
Android (android.graphics.Color)	4292110771 (0xFFD469B3)
YUV	145.4290, 16.5505, 58.3828
Hunter-Lab	52.3019, 46.1460, -15.3100

Details

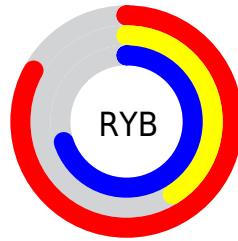
The RGB color **212, 105, 179** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **105, 212, 138**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **255, 160, 235**, and **155, 51, 126** is the 20% darker color. If you saturate the color by 10%, you get **212, 84, 172**, and if you desaturate by 10%, it is **212, 126, 186**.

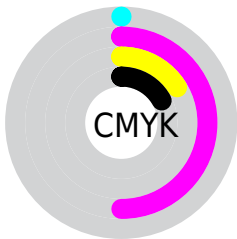
Distribution



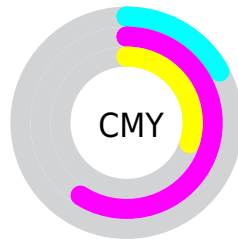
- Red (83%)
- Green (41%)
- Blue (70%)



- Red (83%)
- Yellow (41%)
- Blue (70%)



- Cyan (0%)
- Magenta (50%)
- Yellow (16%)
- Black (17%)




- Cyan (17%)
- Magenta (59%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 105, 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, 105, 179 by changing the saturation by 10% instead.

 212, 105, 179


255, 255, 255

 255, 160, 235

 255, 188, 255

 255, 216, 255

 255, 245, 255

 212, 105, 179


 183, 78, 152

 155, 51, 126

 127, 20, 101


 100, 0, 77


 74, 0, 54

 51, 0, 33

 11, 0, 4

 0, 0, 0

 212, 105, 179

 212, 105, 179

■ 212, 84, 172

■ 212, 126, 186

■ 212, 63, 166

■ 212, 147, 192

■ 212, 41, 159

■ 212, 169, 199

■ 212, 20, 153

■ 212, 190, 205

■ 212, 0, 147

■ 212, 211, 212

■ 212, 232, 218

■ 212, 253, 225

■ 212, 255, 231

■ 212, 255, 238

Harmonies

Analogous

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



163, 124, 219



212, 105, 179



231, 98, 131

Triad

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



212, 105, 179



156, 145, 38



0, 164, 202

Complementary

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



212, 105, 179



105, 212, 138

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, 166, 156



212, 105, 179



104, 157, 63

Square

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



212, 105, 179



196, 128, 50



0, 164, 106



0, 157, 232

Rectangle

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



212, 105, 179



229, 104, 99



0, 164, 106



0, 166, 188

Sweetspot

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



212, 105, 179



255, 217, 243



137, 105, 212



128, 105, 120



0, 0, 0



128, 128, 128

Same Dimension

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



212, 105, 179



255, 99, 207



212, 105, 126



107, 96, 104



171, 0, 118



43, 0, 30

Inverse Universe

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



212, 105, 179



255, 99, 207



105, 212, 191



107, 96, 104



171, 0, 118



43, 0, 30

Previews

White Background



This preview shows how the RGB color 212, 105, 179 looks on a white background.

Color Contrast Check

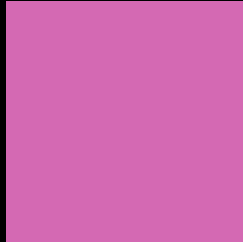
Large Text (above 18pt) WCAG AA ✓ Pass

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, 105, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

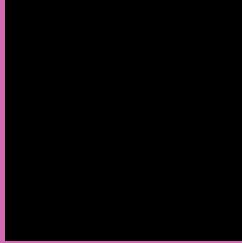
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 212, 105, 179 Background



This preview shows how black text looks on a background with the RGB color 212, 105, 179.



This preview shows how white text looks on a background with the RGB color 212, 105, 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, 105, 179

Protanopia
123, 141, 206

Deuteranopia
142, 140, 173



Tritanopia
206, 117, 125

Trichromacy



Original Color

212, 105, 179



Protanomaly

155, 128, 196



Deuteranomaly

167, 127, 175



Tritanomaly

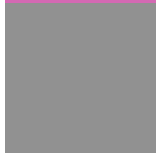
208, 113, 145

Monochromacy



Original Color

212, 105, 179



Achromatopsia

145, 145, 145



Achromatomaly

169, 130, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 105, 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, 105, 179)` looks like.

```
.text, #text, p{  
    color:rgb(212, 105, 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, 105, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 105, 179) }
```

Border

The CSS property to change the border of an element to RGB 212, 105, 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, 105, 179) }
```

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

```
.border{ border-color:rgb(212, 105, 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, 105, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 105, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 105, 179);  
box-shadow:4px 4px 4px 4px rgb(212, 105,  
179) }
```

Background

The CSS property to change the background color of an element to RGB 212, 105, 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, 105, 179) }
```

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

```
.background{ background-color: rgb(212,  
105, 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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