

Converting Colors

RGB(212, 105, 150)

Have a look what the booklet for
RGB(212, 105, 150) contains.

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Color

RGB(212, 105, 150)

Conversions

Conversions Part 1

Format	Color
Hex	D46996
RGB	212, 105, 150
RGB Percent	83%, 41%, 59%
CMY	0.1686, 0.5882, 0.4118
CMYK	0.00, 0.50, 0.29, 0.17
HSL	335°, 55%, 62%
HSV	335°, 50%, 83%
XYZ	37.7080, 26.3022, 31.9436
YIQ	142.1230, 49.3270, 36.6790

Conversions

Conversions Part 2

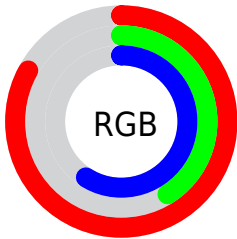
Format	Color
R _Y B	212, 105, 150
Decimal	13920662
CIE Lab	58.32, 47.04, -4.75
CIE LCh	58, 47.279, 354.233
Yxy	26.3022, 0.3930, 0.2741
Android (android.graphics.Color)	4292110742 (0xFFD46996)
YUV	142.1230, 3.8834, 61.2821
Hunter-Lab	51.2857, 41.4928, -1.0291

Details

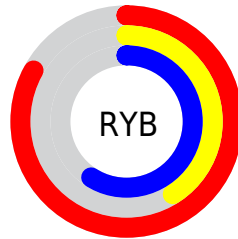
The RGB color **212, 105, 150** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **105, 212, 167**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **255, 159, 204**, and **154, 52, 99** is the 20% darker color. If you saturate the color by 10%, you get **212, 84, 138**, and if you desaturate by 10%, it is **212, 126, 162**.

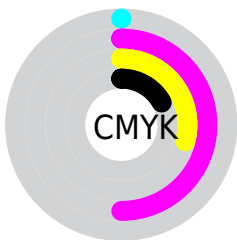
Distribution



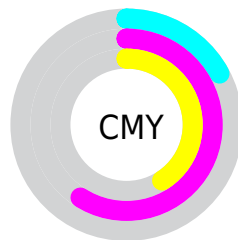
- Red (83%)
- Green (41%)
- Blue (59%)



- Red (83%)
- Yellow (41%)
- Blue (59%)



- Cyan (0%)
- Magenta (50%)
- Yellow (29%)
- Black (17%)




- Cyan (17%)
- Magenta (59%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 105, 150 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, 150 by changing the saturation by 10% instead.

 212, 105, 150


255, 255, 255

 255, 159, 204

 255, 187, 232

 255, 216, 255

 255, 245, 255

 212, 105, 150

 183, 79, 124

 154, 52, 99

 127, 22, 75

 99, 0, 53


 72, 0, 32

 49, 0, 6

 0, 0, 0


 212, 105, 150

 212, 84, 138


 212, 105, 150

 212, 126, 162


 212, 63, 125

 212, 147, 175

 212, 41, 113

 212, 169, 187

 212, 20, 101

 212, 190, 199

 212, 0, 89

 212, 211, 211

 212, 232, 224

 212, 253, 236

 212, 255, 248

 212, 255, 255

Harmonies

Analogous

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



184, 116, 189



212, 105, 150



217, 107, 109

Triad

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



212, 105, 150



131, 148, 61



0, 156, 207

Complementary

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



212, 105, 150



105, 212, 167

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, 161, 173



212, 105, 150



80, 156, 90

Square

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



212, 105, 150



171, 135, 55



0, 160, 131



17, 147, 222

Rectangle

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



212, 105, 150



208, 115, 84



0, 160, 131



0, 158, 197

Sweetspot

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



212, 105, 150



255, 217, 233



166, 105, 212



128, 105, 114



0, 0, 0



128, 128, 128

Same Dimension

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



212, 105, 150



255, 99, 165



212, 112, 105



107, 96, 101



171, 0, 72



43, 0, 18

Inverse Universe

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



212, 105, 150



255, 99, 165



105, 205, 212



107, 96, 101



171, 0, 72



43, 0, 18

Previews

White Background



This preview shows how the RGB color 212, 105, 150 looks on a white background.

Color Contrast Check

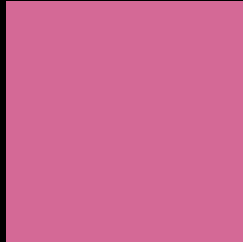
Large Text (above 18pt) WCAG AA ✓ Pass

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, 150 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, 150 Background



This preview shows how black text looks on a background with the RGB color 212, 105, 150.



This preview shows how white text looks on a background with the RGB color 212, 105, 150.

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, 150

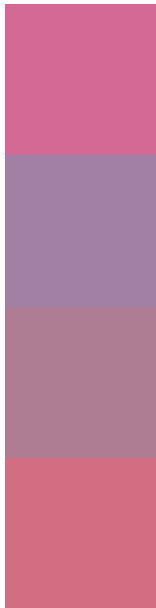
Protanopia
133, 139, 172

Deuteranopia
152, 136, 145



Tritanopia
209, 111, 119

Trichromacy



Original Color
212, 105, 150

Protanomaly
162, 127, 164

Deuteranomaly
174, 125, 147

Tritanomaly
210, 109, 130

Monochromacy



Original Color
212, 105, 150

Achromatopsia
142, 142, 142

Achromatomaly
167, 129, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 105, 150 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(212, 105, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 105, 150) }
```

Border

The CSS property to change the border of an element to RGB 212, 105, 150 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, 150) }
```

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

```
.border{ border-color:rgb(212, 105, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 105, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 105, 150);  
box-shadow:4px 4px 4px 4px rgb(212, 105,  
150) }
```

Background

The CSS property to change the background color of an element to RGB 212, 105, 150 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, 150) }
```

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

```
.background{ background-color: rgb(212,  
105, 150) }
```

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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