

Converting Colors

RGB(212, 125, 205)

Have a look what the booklet for
RGB(212, 125, 205) contains.

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Color

RGB(212, 125, 205)

Conversions

Conversions Part 1

Format	Color
Hex	D47DCD
RGB	212, 125, 205
RGB Percent	83%, 49%, 80%
CMY	0.1686, 0.5098, 0.1961
CMYK	0.00, 0.41, 0.03, 0.17
HSL	305°, 50%, 66%
HSV	305°, 41%, 83%
XYZ	45.5044, 33.0721, 61.7428
YIQ	160.1330, 26.1720, 43.3240

Conversions

Conversions Part 2

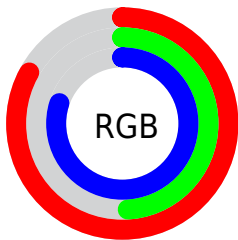
Format	Color
R_{YB}	212, 125, 205
Decimal	13925837
CIE _{Lab}	64.22, 45.38, -27.23
CIE _{LCh}	64, 52.920, 329.030
Yxy	33.0721, 0.3243, 0.2357
Android (android.graphics.Color)	4292115917 (0xFFD47DCD)
YUV	160.1330, 22.1194, 45.4874
Hunter-Lab	57.5083, 40.6016, -23.3999

Details

The RGB color **212, 125, 205** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **125, 212, 132**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **255, 179, 255**, and **156, 73, 151** is the 20% darker color. If you saturate the color by 10%, you get **212, 104, 203**, and if you desaturate by 10%, it is **212, 146, 207**.

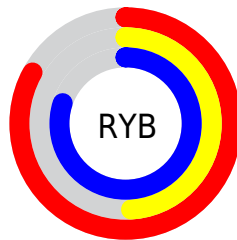
Distribution



Red (83%)

Green (49%)

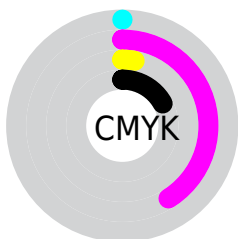
Blue (80%)



Red (83%)

Yellow (49%)

Blue (80%)

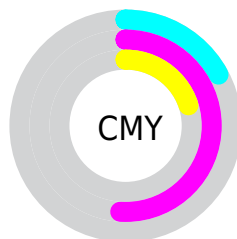


Cyan (0%)

Magenta (41%)

Yellow (3%)

Black (17%)



Cyan (17%)


Magenta (51%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 125, 205 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, 125, 205 by changing the saturation by 10% instead.

 212, 125, 205

 212, 125, 205

255, 255, 255

 184, 99, 177

 255, 179, 255

 156, 73, 151

 255, 208, 255

 128, 47, 124

 255, 236, 255

 102, 18, 99

 76, 0, 75

 52, 0, 52

 26, 0, 30

 0, 0, 0

 0, 0, 0

■ 212, 125, 205

■ 212, 125, 205

■ 212, 104, 203

■ 212, 146, 207

■ 212, 83, 202

■ 212, 167, 208

■ 212, 61, 200

■ 212, 189, 210

■ 212, 40, 198

■ 212, 210, 212

■ 212, 19, 196

■ 212, 231, 214

■ 212, 0, 195

■ 212, 252, 215

■ 212, 255, 217

■ 212, 255, 219

■ 212, 255, 220

Harmonies

Analogous

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



155, 144, 238



212, 125, 205



240, 114, 159

Triad

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



212, 125, 205



183, 153, 56



0, 178, 200

Complementary

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



212, 125, 205



125, 212, 132

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, 179, 153



212, 125, 205



136, 166, 68

Square

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



212, 125, 205



220, 135, 75



73, 175, 105



0, 173, 236

Rectangle

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



212, 125, 205



243, 116, 127



73, 175, 105



0, 179, 185

Sweetspot

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



212, 125, 205



255, 224, 253



131, 125, 212



128, 110, 126



0, 0, 0



128, 128, 128

Same Dimension

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



212, 125, 205



255, 130, 245



212, 125, 163



107, 96, 106



171, 0, 157



43, 0, 40

Inverse Universe

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



212, 125, 205



255, 130, 245



125, 212, 174



107, 96, 106



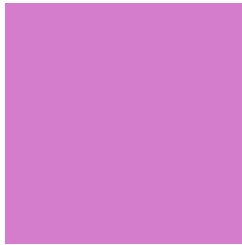
171, 0, 157



43, 0, 40

Previews

White Background



This preview shows how the RGB color 212, 125, 205 looks on a white background.

Color Contrast Check

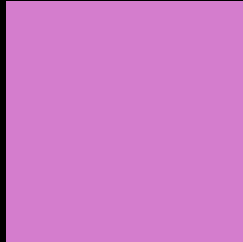
Large Text (above 18pt) WCAG AA × Fail

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, 125, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

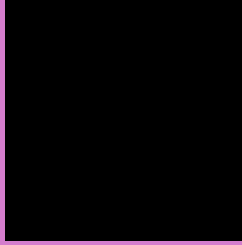
Any Text WCAG AA ✓ Pass

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, 125, 205 Background



This preview shows how black text looks on a background with the RGB color 212, 125, 205.



This preview shows how white text looks on a background with the RGB color 212, 125, 205.

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, 125, 205

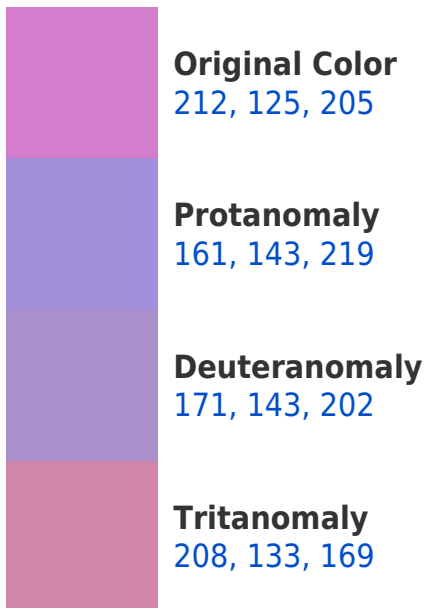
Protanopia
132, 154, 227

Deuteranopia
148, 153, 200

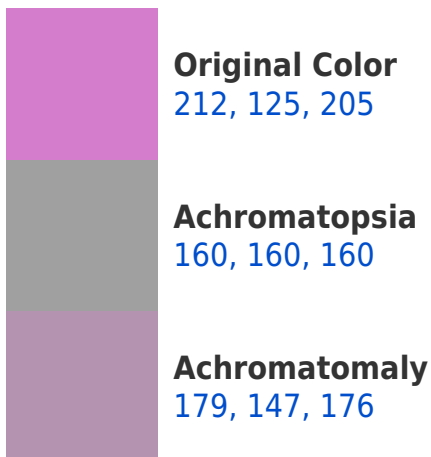


Tritanopia
205, 137, 148

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 125, 205 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, 125, 205)` looks like.

```
.text, #text, p{  
    color:rgb(212, 125, 205)  
}
```

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, 125, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 125, 205) }
```

Border

The CSS property to change the border of an element to RGB 212, 125, 205 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, 125, 205) }
```

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

```
.border{ border-color:rgb(212, 125, 205) }
```

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

Here you see how a box with a 4 pixel rgb(212, 125, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 125, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 125, 205);  
box-shadow:4px 4px 4px 4px rgb(212, 125,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 212, 125, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 125, 205) }
```

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

```
.background{ background-color: rgb(212,  
125, 205) }
```

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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