

Converting Colors

RGB(212, 126, 206)

Have a look what the booklet for
RGB(212, 126, 206) contains.

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Color

RGB(212, 126, 206)

Conversions

Conversions Part 1

Format	Color
Hex	D47ECE
RGB	212, 126, 206
RGB Percent	83%, 49%, 81%
CMY	0.1686, 0.5059, 0.1922
CMYK	0.00, 0.41, 0.03, 0.17
HSL	304°, 50%, 66%
HSV	304°, 41%, 83%
XYZ	45.7528, 33.3750, 62.4231
YIQ	160.8340, 25.5760, 43.1120

Conversions

Conversions Part 2

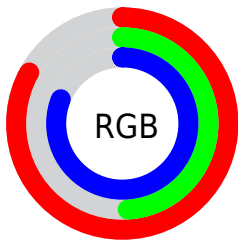
Format	Color
R_{YB}	212, 126, 206
Decimal	13926094
CIE Lab	64.46, 45.03, -27.42
CIE LCh	64, 52.723, 328.667
Yxy	33.3750, 0.3232, 0.2358
Android (android.graphics.Color)	4292116174 (0xFFD47ECE)
YUV	160.8340, 22.2668, 44.8726
Hunter-Lab	57.7711, 40.2667, -23.6246

Details

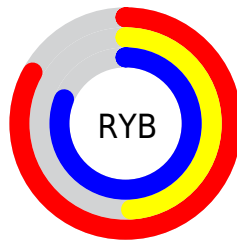
The RGB color **212, 126, 206** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **126, 212, 132**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **255, 180, 255**, and **156, 74, 151** is the 20% darker color. If you saturate the color by 10%, you get **212, 105, 205**, and if you desaturate by 10%, it is **212, 147, 207**.

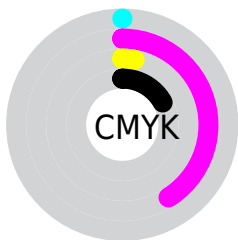
Distribution



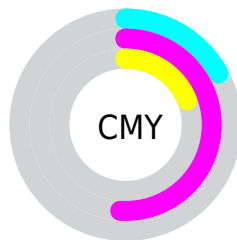
- Red (83%)
- Green (49%)
- Blue (81%)



- Red (83%)
- Yellow (49%)
- Blue (81%)



- Cyan (0%)
- Magenta (41%)
- Yellow (3%)
- Black (17%)




- Cyan (17%)
- Magenta (51%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the RGB color 212, 126, 206 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, 126, 206 by changing the saturation by 10% instead.

 212, 126, 206

 212, 126, 206

255, 255, 255

 184, 100, 178

 255, 180, 255

 156, 74, 151

 255, 209, 255

 129, 48, 125

 255, 237, 255

 102, 20, 100

 76, 0, 76

 52, 0, 53

 26, 0, 31

 0, 0, 2

 0, 0, 0

■ 212, 126, 206

■ 212, 126, 206

■ 212, 105, 205

■ 212, 147, 207

■ 212, 84, 203

■ 212, 168, 209

■ 212, 62, 202

■ 212, 190, 210

■ 212, 41, 200

■ 212, 211, 212

■ 212, 20, 199

■ 212, 232, 213

■ 212, 0, 197

■ 212, 253, 215

■ 212, 255, 216

■ 212, 255, 218

■ 212, 255, 219

Harmonies

Analogous

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



155, 145, 239



212, 126, 206



240, 115, 160

Triad

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



212, 126, 206



185, 153, 57



0, 179, 200

Complementary

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



212, 126, 206



126, 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, 126, 206



138, 167, 69

Square

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



212, 126, 206



221, 136, 76



75, 175, 105



0, 174, 236

Rectangle

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



212, 126, 206



244, 116, 129



75, 175, 105



0, 180, 185

Sweetspot

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



212, 126, 206



255, 224, 253



132, 126, 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, 126, 206



255, 130, 246



212, 126, 163



107, 96, 106



171, 0, 159



43, 0, 40

Inverse Universe

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



212, 126, 206



255, 130, 246



126, 212, 175



107, 96, 106



171, 0, 159



43, 0, 40

Previews

White Background



This preview shows how the RGB color 212, 126, 206 looks on a white background.

Color Contrast Check

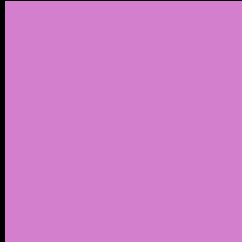
Large Text (above 18pt) WCAG AA × Fail

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, 126, 206 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, 126, 206 Background



This preview shows how black text looks on a background with the RGB color 212, 126, 206.

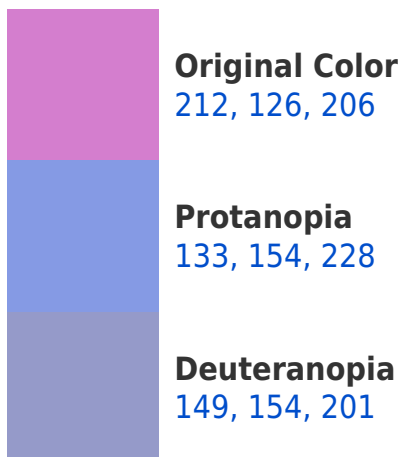



This preview shows how white text looks on a background with the RGB color 212, 126, 206.

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





Tritanopia
205, 138, 149

Trichromacy



Original Color

212, 126, 206



Protanomaly

162, 144, 220



Deuteranomaly

172, 144, 203



Tritanomaly

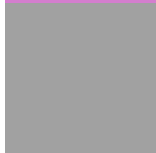
208, 134, 170

Monochromacy



Original Color

212, 126, 206



Achromatopsia

161, 161, 161



Achromatomaly

180, 148, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 126, 206 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, 126, 206)` looks like.

```
.text, #text, p{  
    color:rgb(212, 126, 206)  
}
```

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, 126, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 126, 206) }
```

Border

The CSS property to change the border of an element to RGB 212, 126, 206 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, 126, 206) }
```

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

```
.border{ border-color:rgb(212, 126, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 126, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 126, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 126, 206);  
box-shadow:4px 4px 4px 4px rgb(212, 126,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 212, 126, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 126, 206) }
```

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

```
.background{ background-color: rgb(212,  
126, 206) }
```

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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