

Converting Colors

RGB(204, 126, 214)

Have a look what the booklet for
RGB(204, 126, 214) contains.

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Color

RGB(204, 126, 214)

Conversions

Conversions Part 1

Format	Color
Hex	CC7ED6
RGB	204, 126, 214
RGB Percent	80%, 49%, 84%
CMY	0.2000, 0.5059, 0.1608
CMYK	0.05, 0.41, 0.00, 0.16
HSL	293°, 52%, 67%
HSV	293°, 41%, 84%
XYZ	44.5003, 32.6141, 67.5681
YIQ	159.3540, 18.2400, 43.9040

Conversions

Conversions Part 2

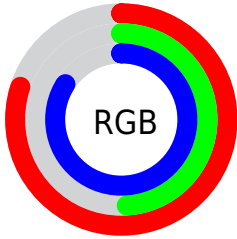
Format	Color
R_{YB}	204, 126, 214
Decimal	13401814
CIE _{Lab}	63.85, 44.08, -32.92
CIE _{LCh}	64, 55.019, 323.244
Yxy	32.6141, 0.3076, 0.2254
Android (android.graphics.Color)	4291591894 (0xFFCC7ED6)
YUV	159.3540, 26.9405, 39.1545
Hunter-Lab	57.1088, 39.1504, -30.1726

Details

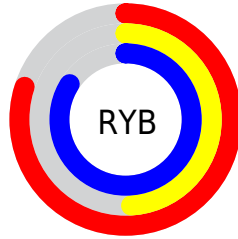
The RGB color **204, 126, 214** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **136, 214, 126**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **255, 180, 255**, and **148, 74, 159** is the 20% darker color. If you saturate the color by 10%, you get **202, 105, 214**, and if you desaturate by 10%, it is **206, 147, 214**.

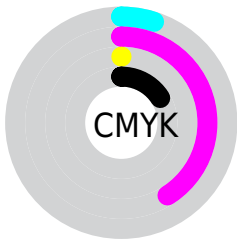
Distribution



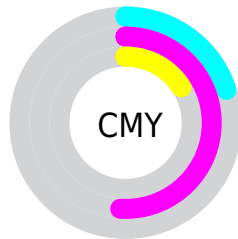
- Red (80%)
- Green (49%)
- Blue (84%)



- Red (80%)
- Yellow (49%)
- Blue (84%)



- Cyan (5%)
- Magenta (41%)
- Yellow (0%)
- Black (16%)




- Cyan (20%)
- Magenta (51%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 126, 214 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 204, 126, 214 by changing the saturation by 10% instead.

 204, 126, 214

 204, 126, 214


255, 255, 255

 176, 100, 186

 255, 180, 255

 148, 74, 159

 255, 208, 255

 121, 49, 133

 255, 237, 255

 95, 22, 107


 69, 0, 82

 45, 0, 59

 17, 0, 37

 0, 0, 12

 0, 0, 0

 204, 126, 214

 204, 126, 214


 202, 105, 214

 206, 147, 214

 199, 83, 214


 209, 169, 214

 197, 62, 214

 211, 190, 214

 194, 40, 214

 214, 212, 214

 192, 19, 214

 216, 233, 214

 190, 0, 214

 219, 254, 214

 221, 255, 214

 223, 255, 214

 226, 255, 214

Harmonies

Analogous

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



138, 146, 245



204, 126, 214



238, 112, 168

Triad

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



204, 126, 214



191, 148, 52



0, 179, 192

Complementary

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



204, 126, 214



136, 214, 126

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, 178, 142



204, 126, 214



144, 163, 58

Square

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



204, 126, 214



226, 129, 77



83, 173, 93



0, 174, 232

Rectangle

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



204, 126, 214



245, 111, 135



83, 173, 93



0, 179, 176

Sweetspot

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



204, 126, 214



252, 224, 255



126, 136, 214



125, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



204, 126, 214



241, 130, 255



214, 126, 180



106, 96, 107



151, 0, 171



38, 0, 43

Inverse Universe

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



214, 126, 136



255, 130, 144



126, 214, 160



107, 96, 98



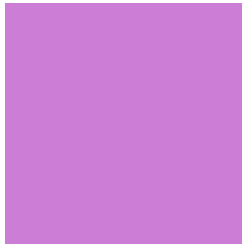
171, 0, 19



43, 0, 5

Previews

White Background



This preview shows how the RGB color 204, 126, 214 looks on a white background.

Color Contrast Check

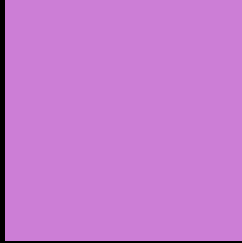
Large Text (above 18pt) WCAG AA × Fail

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 204, 126, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

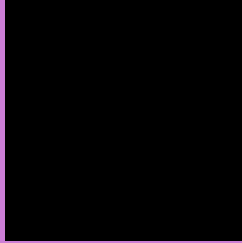
Any Text WCAG AA ✓ Pass

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 204, 126, 214 Background



This preview shows how black text looks on a background with the RGB color 204, 126, 214.

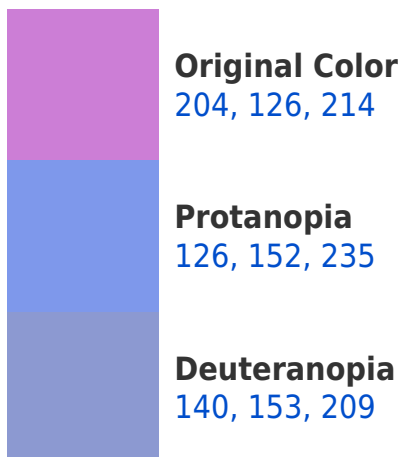


This preview shows how white text looks on a background with the RGB color 204, 126, 214.

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
195, 140, 150

Trichromacy



Original Color

204, 126, 214



Protanomaly

154, 143, 227



Deuteranomaly

163, 143, 211



Tritanomaly

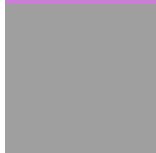
198, 135, 173

Monochromacy



Original Color

204, 126, 214



Achromatopsia

159, 159, 159



Achromatomaly

175, 147, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 126, 214 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(204, 126, 214) looks like.

```
.text, #text, p{  
    color:rgb(204, 126, 214)  
}
```

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(204, 126, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 126, 214) }
```

Border

The CSS property to change the border of an element to RGB 204, 126, 214 is called "border". The border property can be set on classes, ids or directly on the HTML element.

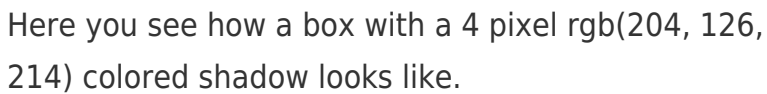
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 126, 214) }
```

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

```
.border{ border-color:rgb(204, 126, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(204, 126, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 126, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 126, 214);  
box-shadow:4px 4px 4px 4px rgb(204, 126,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 204, 126, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 126, 214) }
```

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

```
.background{ background-color: rgb(204,  
126, 214) }
```

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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