

Converting Colors

RGB(204, 150, 212)

Have a look what the booklet for
RGB(204, 150, 212) contains.

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Color

RGB(204, 150, 212)

Conversions

Conversions Part 1

Format	Color
Hex	CC96D4
RGB	204, 150, 212
RGB Percent	80%, 59%, 83%
CMY	0.2000, 0.4118, 0.1686
CMYK	0.04, 0.29, 0.00, 0.17
HSL	292°, 42%, 71%
HSV	292°, 29%, 83%
XYZ	47.6919, 39.4035, 67.3794
YIQ	173.2140, 12.2820, 30.7300

Conversions

Conversions Part 2

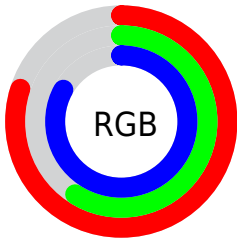
Format	Color
RYB	204, 150, 212
Decimal	13407956
CIELab	69.04, 30.76, -23.81
CIElCh	69, 38.893, 322.257
Yxy	39.4035, 0.3087, 0.2551
Android (android.graphics.Color)	4291598036 (0xFFCC96D4)
YUV	173.2140, 19.1215, 26.9993
Hunter-Lab	62.7722, 25.7658, -19.7010

Details

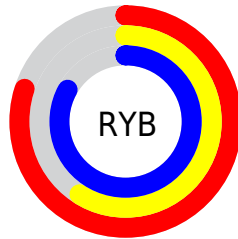
The RGB color `204, 150, 212` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `158, 212, 150`, and the grayscale version is `173, 173, 173`.

A 20% lighter version of the original color is `255, 205, 255`, and `149, 98, 157` is the 20% darker color. If you saturate the color by 10%, you get `201, 129, 212`, and if you desaturate by 10%, it is `207, 171, 212`.

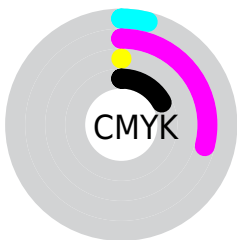
Distribution



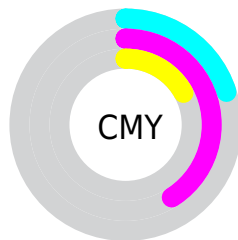
- Red (80%)
- Green (59%)
- Blue (83%)



- Red (80%)
- Yellow (59%)
- Blue (83%)



- Cyan (4%)
- Magenta (29%)
- Yellow (0%)
- Black (17%)




- Cyan (20%)
- Magenta (41%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the RGB color 204, 150, 212 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, 150, 212 by changing the saturation by 10% instead.

 204, 150, 212

 204, 150, 212


255, 255, 255

 176, 124, 184

 255, 205, 255

 149, 98, 157

 255, 233, 255

 123, 74, 131

 97, 50, 106


 72, 27, 81

 48, 3, 58


 30, 0, 37

 0, 0, 12

 0, 0, 0


 204, 150, 212

 204, 150, 212

 201, 129, 212


 207, 171, 212

 199, 108, 212


 209, 192, 212

 196, 86, 212

 212, 214, 212

 193, 65, 212

 215, 235, 212

 190, 44, 212

 218, 255, 212

 188, 23, 212

 220, 255, 212

 185, 2, 212

 223, 255, 212

 185, 0, 212

 226, 255, 212

 229, 255, 212

Harmonies

Analogous

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



159, 163, 234



204, 150, 212



230, 142, 179

Triad

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



204, 150, 212



200, 163, 98



0, 187, 194

Complementary

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



204, 150, 212



158, 212, 150

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.



76, 187, 158



204, 150, 212



165, 174, 102

Square

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



204, 150, 212



225, 151, 114



124, 182, 124



22, 183, 223

Rectangle

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



204, 150, 212



237, 141, 155



124, 182, 124



34, 187, 182

Sweetspot

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



204, 150, 212



252, 232, 255



150, 158, 212



126, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



204, 150, 212



243, 166, 255



212, 150, 189



106, 96, 107



149, 0, 171



38, 0, 43

Inverse Universe

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



212, 150, 158



255, 166, 177



150, 212, 173



107, 96, 98



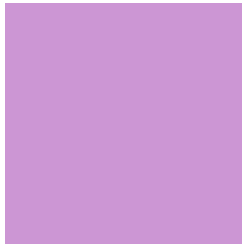
171, 0, 22



43, 0, 6

Previews

White Background



This preview shows how the RGB color 204, 150, 212 looks on a white background.

Color Contrast Check

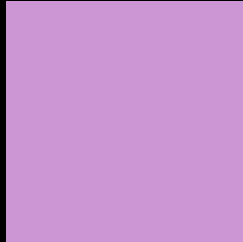
Large Text (above 18pt) WCAG AA × Fail

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, 150, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

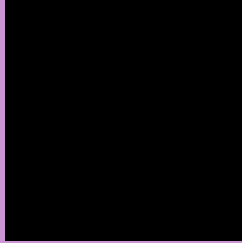
Any Text WCAG AA ✓ Pass

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, 150, 212 Background



This preview shows how black text looks on a background with the RGB color 204, 150, 212.



This preview shows how white text looks on a background with the RGB color 204, 150, 212.

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
204, 150, 212

Protanopia
153, 167, 224

Deuteranopia
165, 165, 209



Tritanopia
198, 158, 170

Trichromacy



Original Color
204, 150, 212

Protanomaly
172, 161, 220

Deuteranomaly
179, 160, 210

Tritanomaly
200, 155, 185

Monochromacy



Original Color
204, 150, 212

Achromatopsia
173, 173, 173

Achromatomaly
184, 165, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 150, 212 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, 150, 212)` looks like.

```
.text, #text, p{  
    color:rgb(204, 150, 212)  
}
```

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, 150, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 150, 212) }
```

Border

The CSS property to change the border of an element to RGB 204, 150, 212 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, 150, 212) }
```

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

```
.border{ border-color:rgb(204, 150, 212) }
```

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

Here you see how a box with a 4 pixel rgb(204, 150, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 150, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 150, 212);  
box-shadow:4px 4px 4px 4px rgb(204, 150,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 204, 150, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 150, 212) }
```

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

```
.background{ background-color: rgb(204,  
150, 212) }
```

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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