

Converting Colors

RGB(204, 76, 128)

Have a look what the booklet for
RGB(204, 76, 128) contains.

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Color

RGB(204, 76, 128)

Conversions

Conversions Part 1

Format	Color
Hex	CC4C80
RGB	204, 76, 128
RGB Percent	80%, 30%, 50%
CMY	0.2000, 0.7020, 0.4980
CMYK	0.00, 0.63, 0.37, 0.20
HSL	336°, 56%, 55%
HSV	336°, 63%, 80%
XYZ	31.3826, 19.5648, 22.5444
YIQ	120.2000, 59.5960, 43.3080

Conversions

Conversions Part 2

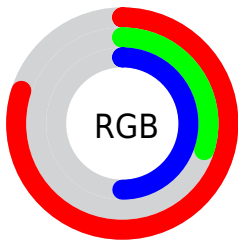
Format	Color
RYB	204, 76, 128
Decimal	13388928
CIELab	51.34, 55.32, -2.21
CIELCh	51, 55.363, 357.709
Yxy	19.5648, 0.4270, 0.2662
Android (android.graphics.Color)	4291579008 (0xFFCC4C80)
YUV	120.2000, 3.8454, 73.4926
Hunter-Lab	44.2321, 49.2392, 0.7433

Details

The RGB color **204, 76, 128** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **76, 204, 152**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **255, 131, 181**, and **146, 8, 79** is the 20% darker color. If you saturate the color by 10%, you get **204, 56, 116**, and if you desaturate by 10%, it is **204, 96, 140**.

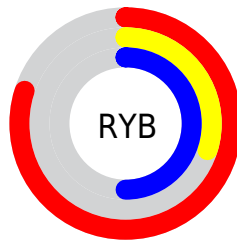
Distribution



Red (80%)

Green (30%)

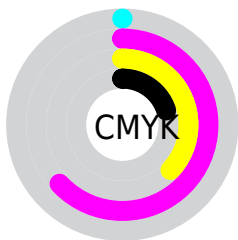
Blue (50%)



Red (80%)

Yellow (30%)

Blue (50%)

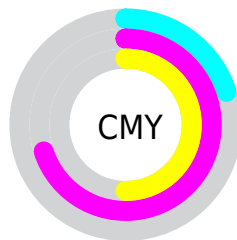


Cyan (0%)

Magenta (63%)

Yellow (37%)

Black (20%)



Cyan (20%)

Magenta (70%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 76, 128 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, 76, 128 by changing the saturation by 10% instead.

 204, 76, 128

 204, 76, 128

255, 255, 255

 175, 47, 103

 255, 131, 181

 146, 8, 79

 255, 159, 208

 117, 0, 56

 255, 187, 236

 89, 0, 35

 255, 216, 255

 63, 0, 13

 255, 246, 255

 32, 0, 1

 0, 0, 0

 204, 76, 128

 204, 76, 128

 204, 56, 116

 204, 96, 140

 204, 35, 104

 204, 117, 152


 204, 15, 92

 204, 137, 164

 204, 0, 83

 204, 158, 176

 204, 178, 189

 204, 198, 201

 204, 219, 213

 204, 239, 225

 204, 255, 237

Harmonies

Analogous

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



176, 90, 174



204, 76, 128



205, 82, 81

Triad

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



204, 76, 128



103, 132, 28



0, 140, 202

Complementary

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



204, 76, 128



76, 204, 152

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, 144, 165



204, 76, 128



27, 141, 69

Square

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



204, 76, 128



149, 119, 10



0, 144, 117



0, 129, 217

Rectangle

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



204, 76, 128



193, 93, 53



0, 144, 117



0, 142, 192

Sweetspot

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



204, 76, 128



255, 207, 226



151, 76, 204



128, 98, 110



0, 0, 0



128, 128, 128

Same Dimension

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



204, 76, 128



255, 64, 141



204, 87, 76



102, 92, 96



166, 0, 67



38, 0, 16

Inverse Universe

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



204, 76, 128



255, 64, 141



76, 193, 204



102, 92, 96



166, 0, 67



38, 0, 16

Previews

White Background



This preview shows how the RGB color 204, 76, 128 looks on a white background.

Color Contrast Check

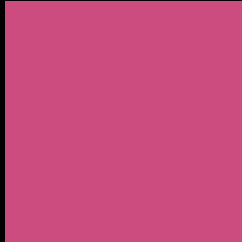
Large Text (above 18pt) WCAG AA ✓ Pass

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 204, 76, 128 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 204, 76, 128 Background



This preview shows how black text looks on a background with the RGB color 204, 76, 128.

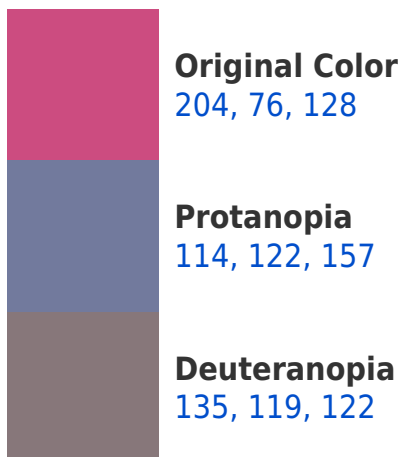


This preview shows how white text looks on a background with the RGB color 204, 76, 128.

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
201, 84, 90

Trichromacy



Original Color

204, 76, 128



Protanomaly

147, 105, 146



Deuteranomaly

160, 103, 124



Tritanomaly

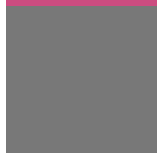
202, 81, 104

Monochromacy



Original Color

204, 76, 128



Achromatopsia

120, 120, 120



Achromatomaly

151, 104, 123

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 76, 128 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, 76, 128)` looks like.

```
.text, #text, p{  
    color:rgb(204, 76, 128)  
}
```

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, 76, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 76, 128) }
```

Border

The CSS property to change the border of an element to RGB 204, 76, 128 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, 76, 128) }
```

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

```
.border{ border-color:rgb(204, 76, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 76, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 76, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 76, 128);  
box-shadow:4px 4px 4px 4px rgb(204, 76,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 204, 76, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 76, 128) }
```

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

```
.background{ background-color: rgb(204, 76,  
128) }
```

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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