

Converting Colors

RGB(198, 128, 179)

Have a look what the booklet for
RGB(198, 128, 179) contains.

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Color

RGB(198, 128, 179)

Conversions

Conversions Part 1

Format	Color
Hex	C680B3
RGB	198, 128, 179
RGB Percent	78%, 50%, 70%
CMY	0.2235, 0.4980, 0.2980
CMYK	0.00, 0.35, 0.10, 0.22
HSL	316°, 38%, 64%
HSV	316°, 35%, 78%
XYZ	39.1446, 30.6988, 46.5101
YIQ	154.7440, 25.3490, 30.7010

Conversions

Conversions Part 2

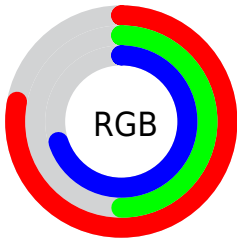
Format	Color
RYB	198, 128, 179
Decimal	13009075
CIELab	62.25, 34.71, -15.71
CIELCh	62, 38.097, 335.654
Yxy	30.6988, 0.3364, 0.2638
Android (android.graphics.Color)	4291199155 (0xFFC680B3)
YUV	154.7440, 11.9582, 37.9355
Hunter-Lab	55.4065, 29.1485, -10.9856

Details

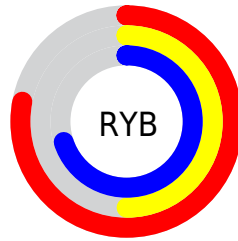
The RGB color **198, 128, 179** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **128, 198, 147**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **255, 182, 235**, and **143, 77, 126** is the 20% darker color. If you saturate the color by 10%, you get **198, 108, 174**, and if you desaturate by 10%, it is **198, 148, 184**.

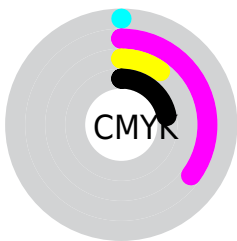
Distribution



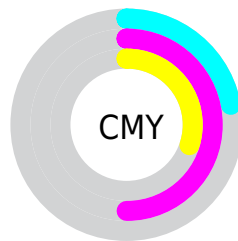
- Red (78%)
- Green (50%)
- Blue (70%)



- Red (78%)
- Yellow (50%)
- Blue (70%)



- Cyan (0%)
- Magenta (35%)
- Yellow (10%)
- Black (22%)



- Cyan (22%)
- Magenta (50%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 198, 128, 179 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 198, 128, 179 by changing the saturation by 10% instead.


 198, 128, 179


255, 255, 255


 255, 182, 235

 255, 210, 255


 255, 238, 255

 198, 128, 179

 170, 102, 152


 143, 77, 126

 116, 53, 101

 91, 28, 77


 66, 1, 54

 44, 0, 33

 1, 0, 6

 0, 0, 0

 198, 128, 179

 198, 128, 179

198, 108, 174

198, 148, 184

198, 88, 168

198, 168, 190

198, 69, 163

198, 187, 195

198, 49, 158

198, 207, 200

198, 29, 152

198, 227, 206

198, 9, 147

198, 247, 211

198, 0, 144

198, 255, 217

198, 255, 222

198, 255, 227

Harmonies

Analogous

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



162, 139, 205



198, 128, 179



215, 123, 145

Triad

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



198, 128, 179



166, 151, 82



0, 167, 189

Complementary

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



198, 128, 179



128, 198, 147

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.



23, 168, 156



198, 128, 179



130, 160, 94

Square

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



198, 128, 179



195, 139, 89



87, 166, 121



35, 161, 211

Rectangle

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



198, 128, 179



215, 126, 123



87, 166, 121



0, 168, 179

Sweetspot

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



198, 128, 179



255, 227, 247



147, 128, 198



128, 111, 123



0, 0, 0



128, 128, 128

Same Dimension

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



198, 128, 179



255, 148, 226



198, 128, 144



99, 90, 97



163, 0, 119



36, 0, 26

Inverse Universe

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



198, 128, 179



255, 148, 226



128, 198, 182



99, 90, 97



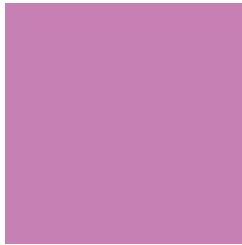
163, 0, 119



36, 0, 26

Previews

White Background



This preview shows how the RGB color 198, 128, 179 looks on a white background.

Color Contrast Check

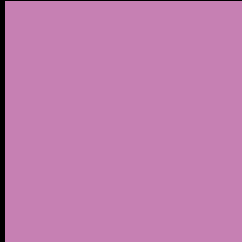
Large Text (above 18pt) WCAG AA × Fail

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 198, 128, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

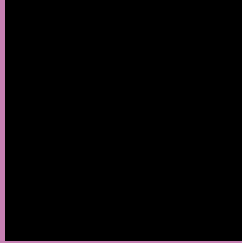
Any Text WCAG AA ✓ Pass

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 198, 128, 179 Background



This preview shows how black text looks on a background with the RGB color 198, 128, 179.



This preview shows how white text looks on a background with the RGB color 198, 128, 179.

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
198, 128, 179

Protanopia
139, 149, 194

Deuteranopia
154, 147, 176



Tritanopia

194, 135, 145

Trichromacy



Original Color
198, 128, 179

Protanomaly
160, 141, 189

Deuteranomaly
170, 140, 177

Tritanomaly
195, 132, 157

Monochromacy



Original Color
198, 128, 179

Achromatopsia
155, 155, 155

Achromatomaly
171, 145, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 128, 179 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(198, 128, 179)` looks like.

```
.text, #text, p{  
    color:rgb(198, 128, 179)  
}
```

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(198, 128, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 128, 179) }
```

Border

The CSS property to change the border of an element to RGB 198, 128, 179 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(198, 128, 179) }
```

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

```
.border{ border-color:rgb(198, 128, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 128, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 128, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 128, 179);  
box-shadow:4px 4px 4px 4px rgb(198, 128,  
179) }
```

Background

The CSS property to change the background color of an element to RGB 198, 128, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 128, 179) }
```

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

```
.background{ background-color: rgb(198,  
128, 179) }
```

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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