

Converting Colors

RGB(180, 88, 120)

Have a look what the booklet for
RGB(180, 88, 120) contains.

RGB(180, 88, 120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(180, 88, 120)

Conversions

Conversions Part 1

Format	Color
Hex	B45878
RGB	180, 88, 120
RGB Percent	71%, 35%, 47%
CMY	0.2941, 0.6549, 0.5294
CMYK	0.00, 0.51, 0.33, 0.29
HSL	339°, 38%, 53%
HSV	339°, 51%, 71%
XYZ	25.7023, 18.0388, 19.8965
YIQ	119.1560, 44.5600, 29.4560

Conversions

Conversions Part 2

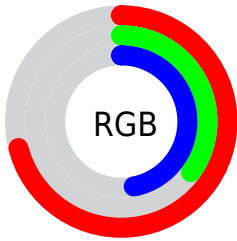
Format	Color
R_{YB}	180, 88, 120
Decimal	11819128
CIE Lab	49.54, 40.82, -0.49
CIE LCh	50, 40.821, 359.316
Yxy	18.0388, 0.4039, 0.2835
Android (android.graphics.Color)	4290009208 (0xFFB45878)
YUV	119.1560, 0.4161, 53.3602
Hunter-Lab	42.4721, 33.6942, 1.9555

Details

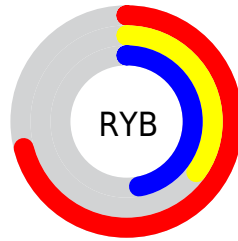
The RGB color **180, 88, 120** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **88, 180, 148**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **238, 141, 172**, and **124, 37, 72** is the 20% darker color. If you saturate the color by 10%, you get **180, 70, 108**, and if you desaturate by 10%, it is **180, 106, 132**.

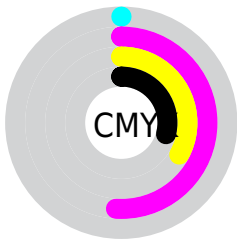
Distribution



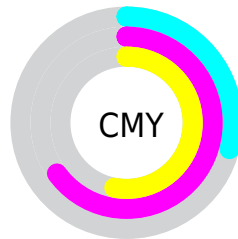
- Red (71%)
- Green (35%)
- Blue (47%)



- Red (71%)
- Yellow (35%)
- Blue (47%)



- Cyan (0%)
- Magenta (51%)
- Yellow (33%)
- Black (29%)























- Cyan (29%)
- Magenta (65%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 88, 120 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 180, 88, 120 by changing the saturation by 10% instead.


 180, 88, 120	 180, 88, 120
 255, 255, 255	 152, 62, 95
 238, 141, 172	 124, 37, 72
 255, 168, 199	 97, 5, 49
 255, 196, 227	 71, 0, 29
 255, 224, 255	 49, 0, 2
 255, 253, 255	 0, 0, 0

 180, 88, 120	 180, 88, 120
 180, 70, 108	 180, 106, 132
 180, 52, 97	 180, 124, 143


 180, 34, 85


 180, 142, 155

 180, 16, 73

 180, 160, 167

 180, 0, 63

 180, 178, 179

 180, 196, 190

 180, 214, 202

 180, 232, 214

 180, 250, 226

Harmonies

Analogous

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



160, 96, 154



180, 88, 120



181, 91, 86

Triad

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



180, 88, 120



104, 126, 55



0, 130, 177

Complementary

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



180, 88, 120



88, 180, 148

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, 135, 151



180, 88, 120



58, 132, 81

Square

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



180, 88, 120



138, 116, 46



0, 135, 116



47, 122, 187

Rectangle

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



180, 88, 120



172, 99, 66



0, 135, 116



0, 132, 170

Sweetspot

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



180, 88, 120



235, 199, 212



148, 88, 180



117, 96, 104



245, 245, 245



117, 117, 117

Same Dimension

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



180, 88, 120



235, 91, 141



180, 102, 88



89, 80, 83



153, 0, 53



26, 0, 9

Inverse Universe

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



180, 88, 120



235, 91, 141



88, 166, 180



89, 80, 83



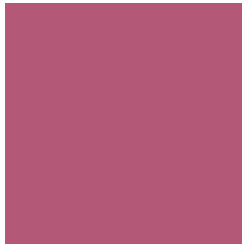
153, 0, 53



26, 0, 9

Previews

White Background



This preview shows how the RGB color 180, 88, 120 looks on a white background.

Color Contrast Check

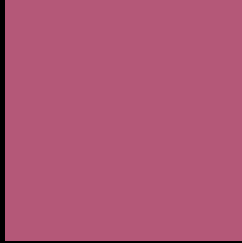
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 180, 88, 120 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 180, 88, 120 Background



This preview shows how black text looks on a background with the RGB color 180, 88, 120.

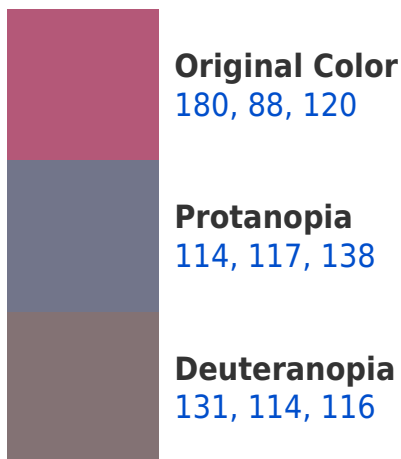


This preview shows how white text looks on a background with the RGB color 180, 88, 120.

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
178, 92, 99

Trichromacy



Original Color
180, 88, 120

Protanomaly
138, 106, 131

Deuteranomaly
149, 105, 117

Tritanomaly
179, 91, 107

Monochromacy



Original Color
180, 88, 120

Achromatopsia
119, 119, 119

Achromatomaly
141, 108, 119

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 88, 120 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(180, 88, 120)` looks like.

```
.text, #text, p{  
    color:rgb(180, 88, 120)  
}
```

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(180, 88, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 88, 120) }
```

Border

The CSS property to change the border of an element to RGB 180, 88, 120 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(180, 88, 120) }
```

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

```
.border{ border-color:rgb(180, 88, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 88, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 88, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 88, 120);  
box-shadow:4px 4px 4px 4px rgb(180, 88,  
120) }
```

Background

The CSS property to change the background color of an element to RGB 180, 88, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 88, 120) }
```

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

```
.background{ background-color: rgb(180, 88,  
120) }
```

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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