

Converting Colors

RGB(188, 80, 160)

Have a look what the booklet for
RGB(188, 80, 160) contains.

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Color

RGB(188, 80, 160)

Conversions

Conversions Part 1

Format	Color
Hex	BC50A0
RGB	188, 80, 160
RGB Percent	74%, 31%, 63%
CMY	0.2627, 0.6863, 0.3725
CMYK	0.00, 0.57, 0.15, 0.26
HSL	316°, 45%, 53%
HSV	316°, 57%, 74%
XYZ	29.9529, 18.9668, 35.3400
YIQ	121.4120, 38.6880, 47.7760

Conversions

Conversions Part 2

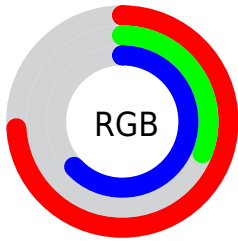
Format	Color
R_{YB}	188, 80, 160
Decimal	12341408
CIE _{Lab}	50.65, 52.98, -22.54
CIE _{LCh}	51, 57.571, 336.956
Yxy	18.9668, 0.3555, 0.2251
Android (android.graphics.Color)	4290531488 (0xFFBC50A0)
YUV	121.4120, 19.0239, 58.3977
Hunter-Lab	43.5508, 46.5526, -17.6262

Details

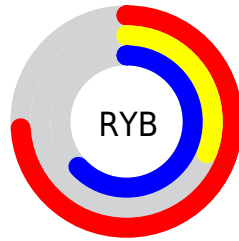
The RGB color **188, 80, 160** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **80, 188, 108**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **246, 134, 215**, and **132, 21, 108** is the 20% darker color. If you saturate the color by 10%, you get **188, 61, 155**, and if you desaturate by 10%, it is **188, 99, 165**.

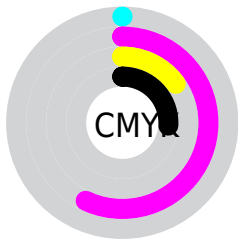
Distribution



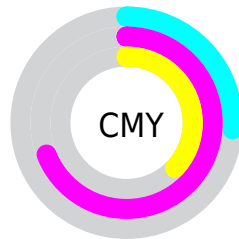
- Red (74%)
- Green (31%)
- Blue (63%)



- Red (74%)
- Yellow (31%)
- Blue (63%)



- Cyan (0%)
- Magenta (57%)
- Yellow (15%)
- Black (26%)


















- Cyan (26%)
- Magenta (69%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 188, 80, 160 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 188, 80, 160 by changing the saturation by 10% instead.

 188, 80, 160	 188, 80, 160
 255, 255, 255	 160, 53, 134
 246, 134, 215	 132, 21, 108
 255, 162, 243	 105, 0, 84
 255, 190, 255	 78, 0, 60
 255, 219, 255	 55, 0, 39
 255, 248, 255	 22, 0, 15
	 0, 0, 0

 188, 80, 160	 188, 80, 160
 188, 61, 155	 188, 99, 165


 188, 42, 150

 188, 118, 170

 188, 24, 145


 188, 136, 175

 188, 5, 141

 188, 155, 179

 188, 0, 139

 188, 174, 184

 188, 193, 189

 188, 212, 194

 188, 230, 199

 188, 249, 204

Harmonies

Analogous

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



136, 102, 200



188, 80, 160



208, 70, 111

Triad

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



188, 80, 160



134, 122, 0



0, 142, 179

Complementary

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



188, 80, 160



80, 188, 108

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, 143, 131



188, 80, 160



82, 134, 33

Square

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



188, 80, 160



174, 104, 22



0, 141, 80



0, 136, 211

Rectangle

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



188, 80, 160



206, 77, 79



0, 141, 80



0, 143, 164

Sweetspot

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



188, 80, 160



245, 203, 234



107, 80, 188



122, 98, 116



250, 250, 250



122, 122, 122

Same Dimension

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



188, 80, 160



245, 76, 201



188, 80, 107



94, 85, 92



158, 0, 117



31, 0, 23

Inverse Universe

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



188, 80, 160



245, 76, 201



80, 188, 161



94, 85, 92



158, 0, 117



31, 0, 23

Previews

White Background



This preview shows how the RGB color 188, 80, 160 looks on a white background.

Color Contrast Check

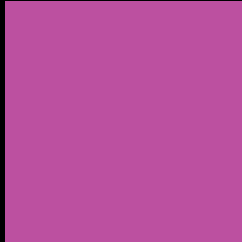
Large Text (above 18pt) WCAG AA ✓ Pass

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 188, 80, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

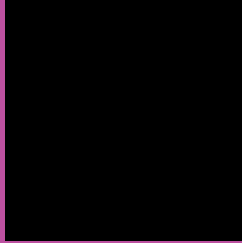
Any Text WCAG AA ✓ Pass

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 188, 80, 160 Background



This preview shows how black text looks on a background with the RGB color 188, 80, 160.



This preview shows how white text looks on a background with the RGB color 188, 80, 160.

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
188, 80, 160

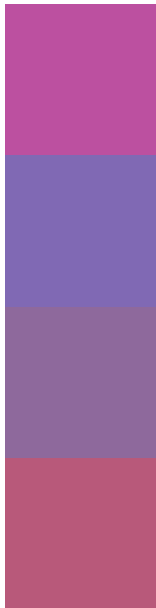
Protanopia
94, 119, 191

Deuteranopia
116, 119, 154



Tritanopia
182, 94, 101

Trichromacy



Original Color
188, 80, 160

Protanomaly
128, 105, 180

Deuteranomaly
142, 105, 156

Tritanomaly
184, 89, 122

Monochromacy



Original Color
188, 80, 160

Achromatopsia
121, 121, 121

Achromatomaly
145, 106, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 80, 160 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(188, 80, 160)` looks like.

```
.text, #text, p{  
    color:rgb(188, 80, 160)  
}
```

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(188, 80, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 80, 160) }
```

Border

The CSS property to change the border of an element to RGB 188, 80, 160 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(188, 80, 160) }
```

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

```
.border{ border-color:rgb(188, 80, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 80, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 80, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 80, 160);  
box-shadow:4px 4px 4px 4px rgb(188, 80,  
160) }
```

Background

The CSS property to change the background color of an element to RGB 188, 80, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 80, 160) }
```

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

```
.background{ background-color: rgb(188, 80,  
160) }
```

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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