

Converting Colors

`RYB(188, 87, 106)`

Have a look what the booklet for
RYB(188, 87, 106) contains.

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Color

RYB(188, 87, 106)

Conversions

Conversions Part 1

Format	Color
Hex	BC576A
RGB	188, 87, 106
RGB Percent	74%, 34%, 42%
CMY	0.2627, 0.6588, 0.5843
CMYK	0.00, 0.54, 0.44, 0.26
HSL	349°, 43%, 54%
HSV	349°, 54%, 74%
XYZ	26.7488, 18.5484, 15.8060
YIQ	119.3650, 54.0970, 27.3210

Conversions

Conversions Part 2

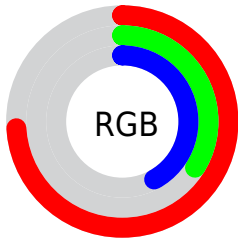
Format	Color
R_{YB}	188, 87, 106
Decimal	12343146
CIE _{Lab}	50.15, 42.51, 8.95
CIE _{LCh}	50, 43.444, 11.886
Yxy	18.5484, 0.4378, 0.3036
Android (android.graphics.Color)	4290533226 (0xFFBC576A)
YUV	119.3650, -6.5889, 60.1929
Hunter-Lab	43.0678, 35.4949, 8.3878

Details

The RYB color **188, 87, 106** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **87, 143, 188**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **247, 140, 157**, and **131, 35, 59** is the 20% darker color. If you saturate the color by 10%, you get **188, 68, 91**, and if you desaturate by 10%, it is **188, 106, 121**.

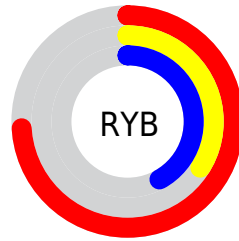
Distribution



Red (74%)

Green (34%)

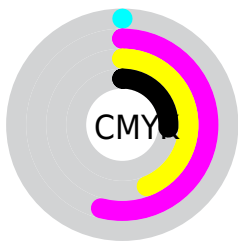
Blue (42%)



Red (74%)

Yellow (34%)

Blue (42%)

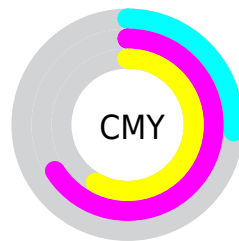


Cyan (0%)

Magenta (54%)

Yellow (44%)

Black (26%)



Cyan (26%)

Magenta (66%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 87, 106 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 RYB color 188, 87, 106 by changing the saturation by 10% instead.



188, 87, 106



188, 87, 106

255, 255, 255



159, 61, 82



247, 140, 157



131, 35, 59



255, 167, 184



103, 1, 38



255, 195, 212



76, 0, 17



255, 224, 240



52, 0, 2



255, 253, 255



0, 0, 0



188, 87, 106



188, 87, 106



188, 68, 91



188, 106, 121



188, 49, 75




188, 125, 137


 188, 31, 60

 188, 143, 152

 188, 12, 45

 188, 162, 167

 188, 0, 35

 188, 181, 182

 188, 195, 200

 188, 205, 219

 188, 215, 237

 188, 225, 255

Harmonies

Analogous

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



175, 90, 143



188, 87, 106



181, 101, 72

Triad

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



188, 87, 106



62, 131, 108



0, 77, 189

Complementary

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



188, 87, 106



87, 143, 188

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, 75, 168



188, 87, 106



11, 86, 136

Square

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



188, 87, 106



47, 126, 43



0, 70, 138



80, 108, 192

Rectangle

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



188, 87, 106



167, 147, 54



0, 70, 138



0, 77, 184

Sweetspot

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



188, 87, 106



245, 206, 213



168, 87, 188



122, 99, 104



250, 250, 250



122, 122, 122

Same Dimension

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



188, 87, 106



245, 88, 118



188, 130, 87



94, 85, 87



158, 0, 30



31, 0, 6

Inverse Universe

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



188, 87, 106



245, 88, 118



87, 129, 188



94, 85, 87



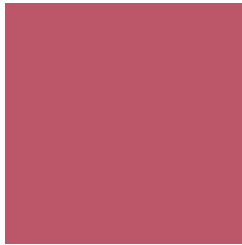
158, 0, 30



31, 0, 6

Previews

White Background



This preview shows how the RYB color 188, 87, 106 looks on a white background.

Color Contrast Check

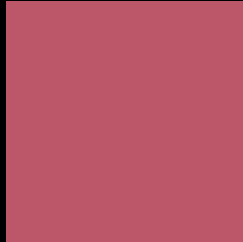
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 188, 87, 106 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](#).

R Y B 188, 87, 106 Background



This preview shows how black text looks on a background with the RYB color 188, 87, 106.

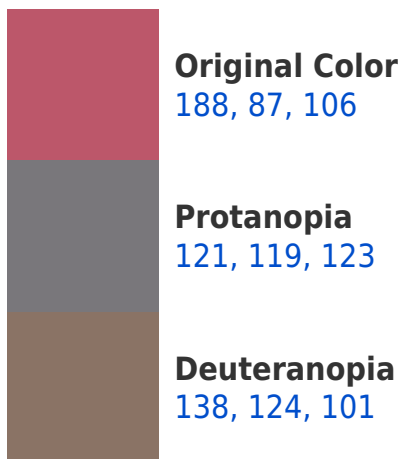



This preview shows how white text looks on a background with the RYB color 188, 87, 106.

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
187, 89, 95

Trichromacy



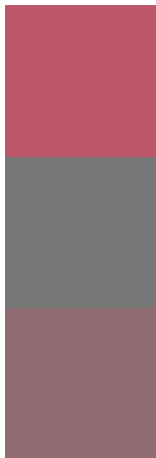
Original Color
188, 87, 106

Protanomaly
145, 107, 117

Deuteranomaly
156, 105, 103

Tritanomaly
187, 88, 99

Monochromacy



Original Color
188, 87, 106

Achromatopsia
119, 119, 119

Achromatomaly
144, 107, 114

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 87, 106 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, 87, 106)` looks like.

```
.text, #text, p{  
  color:rgb(188, 87, 106)  
}
```

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, 87, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 87, 106) }
```

Border

The CSS property to change the border of an element to RYB 188, 87, 106 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, 87, 106) }
```

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

```
.border{ border-color:rgb(188, 87, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 87, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 87, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 87, 106);  
box-shadow:4px 4px 4px 4px rgb(188, 87,  
106) }
```

Background

The CSS property to change the background color of an element to RGB 188, 87, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 87, 106) }
```

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

```
.background{ background-color: rgb(188, 87,  
106) }
```

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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