

Converting Colors

`RYB(188, 92, 116)`

Have a look what the booklet for
RYB(188, 92, 116) contains.

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Color

`RYB(188, 92, 116)`

Conversions

Conversions Part 1

Format	Color
Hex	BC5C74
RGB	188, 92, 116
RGB Percent	74%, 36%, 45%
CMY	0.2627, 0.6392, 0.5451
CMYK	0.00, 0.51, 0.38, 0.26
HSL	345°, 42%, 55%
HSV	345°, 51%, 74%
XYZ	27.7186, 19.6066, 18.8465
YIQ	123.4400, 49.5120, 27.8160

Conversions

Conversions Part 2

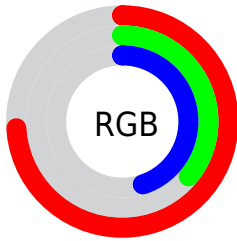
Format	Color
R_{YB}	188, 92, 116
Decimal	12344436
CIE _{Lab}	51.39, 41.10, 4.73
CIE _{LCh}	51, 41.373, 6.562
Yxy	19.6066, 0.4189, 0.2963
Android (android.graphics.Color)	4290534516 (0xFFBC5C74)
YUV	123.4400, -3.6679, 56.6191
Hunter-Lab	44.2794, 34.2509, 5.7601

Details

The RYB color **188, 92, 116** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **92, 147, 188**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **247, 145, 168**, and **131, 40, 68** is the 20% darker color. If you saturate the color by 10%, you get **188, 73, 102**, and if you desaturate by 10%, it is **188, 111, 130**.

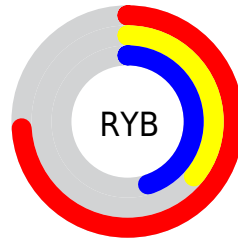
Distribution



Red (74%)

Green (36%)

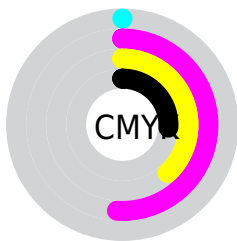
Blue (45%)



Red (74%)

Yellow (36%)

Blue (45%)

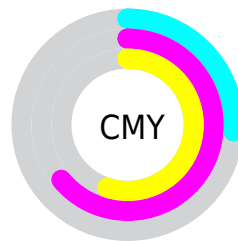


Cyan (0%)

Magenta (51%)

Yellow (38%)

Black (26%)



Cyan (26%)

Magenta (64%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 92, 116 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, 92, 116 by changing the saturation by 10% instead.


 188, 92, 116  188, 92, 116

255, 255, 255  159, 66, 91

 247, 145, 168  131, 40, 68

 255, 172, 195  104, 10, 46

 255, 200, 223  77, 0, 26

 255, 229, 251  53, 0, 1

 10, 0, 0

 0, 0, 0

 188, 92, 116  188, 92, 116

 188, 73, 102  188, 111, 130

188, 54, 88

188, 130, 144

188, 36, 74

188, 148, 158

188, 17, 60

188, 167, 172

188, 0, 47

188, 186, 187

188, 198, 205

188, 209, 224

188, 219, 242

188, 225, 255

Harmonies

Analogous

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



172, 97, 151



188, 92, 116



185, 101, 82

Triad

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



188, 92, 116



63, 132, 97



0, 78, 187

Complementary

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



188, 92, 116



92, 147, 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, 164



188, 92, 116



47, 107, 138

Square

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



188, 92, 116



64, 136, 49



0, 73, 140



74, 109, 193

Rectangle

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



188, 92, 116



173, 132, 64



0, 73, 140



0, 78, 181

Sweetspot

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



188, 92, 116



245, 208, 217



164, 92, 188



122, 100, 106



250, 250, 250



122, 122, 122

Same Dimension

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



188, 92, 116



245, 95, 133



188, 124, 92



94, 85, 87



158, 0, 40



31, 0, 8

Inverse Universe

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



188, 92, 116



245, 95, 133



92, 133, 188



94, 85, 87



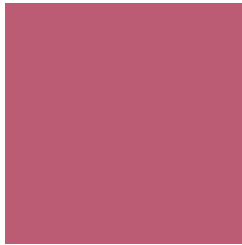
158, 0, 40



31, 0, 8

Previews

White Background



This preview shows how the RYB color 188, 92, 116 looks on a white background.

Color Contrast Check

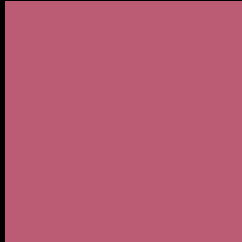
Large Text (above 18pt) WCAG AA ✓ Pass

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, 92, 116 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, 92, 116 Background



This preview shows how black text looks on a background with the R Y B color 188, 92, 116.



This preview shows how white text looks on a background with the R Y B color 188, 92, 116.

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, 92, 116

Protanopia
122, 122, 133

Deuteranopia
139, 121, 112



Tritanopia
187, 95, 101

Trichromacy



Original Color
188, 92, 116

Protanomaly
146, 111, 127

Deuteranomaly
157, 109, 113

Tritanomaly
187, 94, 106

Monochromacy



Original Color
188, 92, 116

Achromatopsia
123, 123, 123

Achromatomaly
147, 112, 120

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 92, 116 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, 92, 116)` looks like.

```
.text, #text, p{  
    color:rgb(188, 92, 116)  
}
```

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, 92, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 92, 116) }
```

Border

The CSS property to change the border of an element to RYB 188, 92, 116 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, 92, 116) }
```

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

```
.border{ border-color:rgb(188, 92, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 92, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 92, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 92, 116);  
box-shadow:4px 4px 4px 4px rgb(188, 92,  
116) }
```

Background

The CSS property to change the background color of an element to RYB 188, 92, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 92, 116) }
```

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

```
.background{ background-color: rgb(188, 92,  
116) }
```

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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