

Converting Colors

`RYB(183, 97, 128)`

Have a look what the booklet for
RYB(183, 97, 128) contains.

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Color

R_YB(183, 97, 128)

Conversions

Conversions Part 1

Format	Color
Hex	B76180
RGB	183, 97, 128
RGB Percent	72%, 38%, 50%
CMY	0.2824, 0.6196, 0.4980
CMYK	0.00, 0.47, 0.30, 0.28
HSL	338°, 37%, 55%
HSV	338°, 47%, 72%
XYZ	27.6994, 20.1752, 22.8564
YIQ	126.2480, 41.3050, 27.8730

Conversions

Conversions Part 2

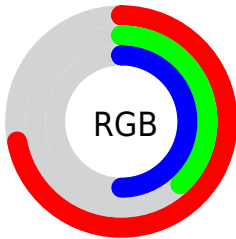
Format	Color
R_{YB}	183, 97, 128
Decimal	12018048
CIE Lab	52.03, 38.24, -1.56
CIE LCh	52, 38.277, 357.662
Yxy	20.1752, 0.3916, 0.2852
Android (android.graphics.Color)	4290208128 (0xFFB76180)
YUV	126.2480, 0.8637, 49.7715
Hunter-Lab	44.9168, 31.4735, 1.2714

Details

The RYB color **183, 97, 128** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **97, 149, 183**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **241, 150, 181**, and **127, 46, 79** is the 20% darker color. If you saturate the color by 10%, you get **183, 79, 116**, and if you desaturate by 10%, it is **183, 115, 140**.

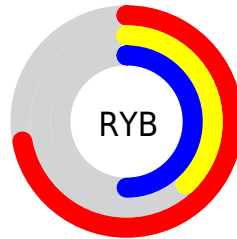
Distribution



Red (72%)

Green (38%)

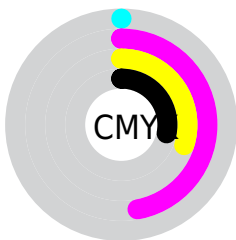
Blue (50%)



Red (72%)

Yellow (38%)

Blue (50%)

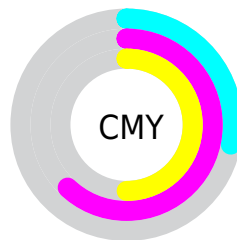


Cyan (0%)

Magenta (47%)

Yellow (30%)

Black (28%)



Cyan (28%)


Magenta (62%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the RYB color 183, 97, 128 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 183, 97, 128 by changing the saturation by 10% instead.

 183, 97, 128


255, 255, 255

 241, 150, 181

 255, 177, 208


 255, 205, 236

 255, 234, 255

 183, 97, 128

 155, 72, 103

 127, 46, 79

 101, 20, 56

 74, 0, 35

 51, 0, 13

 10, 0, 0

 0, 0, 0

 183, 97, 128

 183, 79, 116

 183, 97, 128

 183, 115, 140

■ 183, 60, 105

■ 183, 134, 151

■ 183, 42, 93

■ 183, 152, 163

■ 183, 24, 81

■ 183, 170, 175

■ 183, 5, 69

■ 183, 186, 188

■ 183, 0, 66

■ 183, 198, 207

■ 183, 209, 225

■ 183, 219, 243

■ 183, 225, 255

Harmonies

Analogous

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



162, 104, 160



183, 97, 128



185, 99, 95

Triad

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



183, 97, 128



64, 131, 82



0, 77, 179

Complementary

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



183, 97, 128



97, 149, 183

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, 73, 153



183, 97, 128



73, 126, 138

Square

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



183, 97, 128



92, 146, 57



0, 76, 141



61, 105, 189

Rectangle

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



183, 97, 128



177, 118, 77



0, 76, 141



0, 77, 172

Sweetspot

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



183, 97, 128



237, 204, 216



151, 97, 183



120, 99, 107



247, 247, 247



120, 120, 120

Same Dimension

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



183, 97, 128



237, 104, 152



183, 110, 97



92, 83, 86



156, 0, 56



28, 0, 10

Inverse Universe

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



183, 97, 128



237, 104, 152



97, 137, 183



92, 83, 86



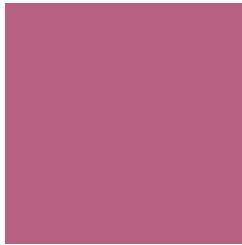
156, 0, 56



28, 0, 10

Previews

White Background



This preview shows how the RYB color 183, 97, 128 looks on a white background.

Color Contrast Check

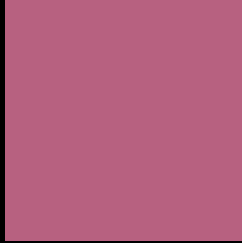
Large Text (above 18pt) WCAG AA ✓ Pass

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 183, 97, 128 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 183, 97, 128 Background



This preview shows how black text looks on a background with the R Y B color 183, 97, 128.



This preview shows how white text looks on a background with the R Y B color 183, 97, 128.

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
183, 97, 128

Protanopia
121, 124, 144

Deuteranopia
137, 121, 124



Tritanopia
181, 101, 108

Trichromacy



Original Color

183, 97, 128

Protanomaly

144, 114, 138

Deuteranomaly

154, 112, 125

Tritanomaly

182, 100, 115

Monochromacy



Original Color

183, 97, 128

Achromatopsia

126, 126, 126

Achromatomaly

147, 115, 127

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 97, 128 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(183, 97, 128)` looks like.

```
.text, #text, p{  
    color:rgb(183, 97, 128)  
}
```

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(183, 97, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 97, 128) }
```

Border

The CSS property to change the border of an element to RYB 183, 97, 128 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(183, 97, 128) }
```

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

```
.border{ border-color:rgb(183, 97, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 97, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 97, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 97, 128);  
box-shadow:4px 4px 4px 4px rgb(183, 97,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 183, 97, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 97, 128) }
```

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

```
.background{ background-color: rgb(183, 97,  
128) }
```

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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