

Converting Colors

`RYB(183, 123, 138)`

Have a look what the booklet for
RYB(183, 123, 138) contains.

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Color

R_YB(183, 123, 138)

Conversions

Conversions Part 1

Format	Color
Hex	B77B8A
RGB	183, 123, 138
RGB Percent	72%, 48%, 54%
CMY	0.2824, 0.5176, 0.4588
CMYK	0.00, 0.33, 0.25, 0.28
HSL	345°, 29%, 60%
HSV	345°, 33%, 72%
XYZ	31.1988, 26.0682, 27.4321
YIQ	142.6500, 30.9450, 17.3850

Conversions

Conversions Part 2

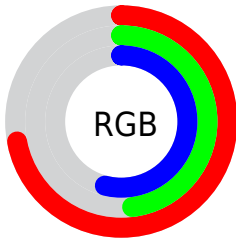
Format	Color
R_{YB}	183, 123, 138
Decimal	12024714
CIE _{Lab}	58.10, 25.50, 1.44
CIE _{LCh}	58, 25.545, 3.241
Yxy	26.0682, 0.3683, 0.3078
Android (android.graphics.Color)	4290214794 (0xFFB77B8A)
YUV	142.6500, -2.2925, 35.3869
Hunter-Lab	51.0570, 19.7243, 3.8844

Details

The RYB color **183, 123, 138** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **123, 157, 183**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **240, 176, 191**, and **129, 73, 88** is the 20% darker color. If you saturate the color by 10%, you get **183, 105, 124**, and if you desaturate by 10%, it is **183, 141, 152**.

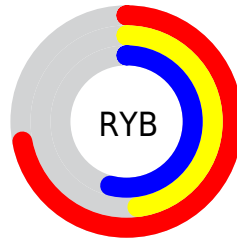
Distribution



Red (72%)

Green (48%)

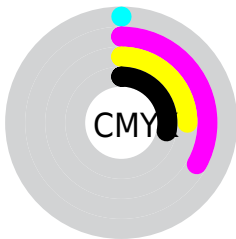
Blue (54%)



Red (72%)

Yellow (48%)

Blue (54%)

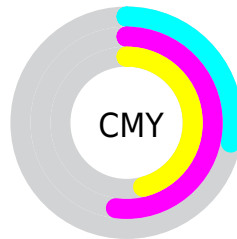


Cyan (0%)

Magenta (33%)

Yellow (25%)

Black (28%)



Cyan (28%)

Magenta (52%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 123, 138 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, 123, 138 by changing the saturation by 10% instead.

 183, 123, 138

255, 255, 255

 240, 176, 191

 255, 204, 219

 255, 232, 248

 183, 123, 138

 155, 98, 113

 129, 73, 88

 103, 50, 65

 77, 27, 43

 53, 4, 23

 31, 0, 1

 0, 0, 0

 183, 123, 138

 183, 105, 124

 183, 123, 138

 183, 141, 152


 183, 86, 111

 183, 160, 165

 183, 68, 97

 183, 178, 179

 183, 50, 83

 183, 190, 196

 183, 32, 69

 183, 201, 215

 183, 13, 56

 183, 212, 233

 183, 0, 46

 183, 222, 251

 183, 221, 255

 183, 219, 255

Harmonies

Analogous

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



170, 126, 160



183, 123, 138



183, 126, 116

Triad

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



183, 123, 138



102, 146, 119



83, 121, 179

Complementary

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



183, 123, 138



123, 157, 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.



68, 112, 163



183, 123, 138



103, 138, 150

Square

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



183, 123, 138



113, 153, 95



79, 118, 152



114, 133, 184

Rectangle

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



183, 123, 138



177, 141, 105



79, 118, 152



76, 118, 175

Sweetspot

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



183, 123, 138



237, 213, 219



168, 123, 183



120, 105, 109



247, 247, 247



120, 120, 120

Same Dimension

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



183, 123, 138



237, 145, 168



183, 143, 123



92, 83, 85



156, 0, 39



28, 0, 7

Inverse Universe

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



183, 123, 138



237, 145, 168



123, 149, 183



92, 83, 85



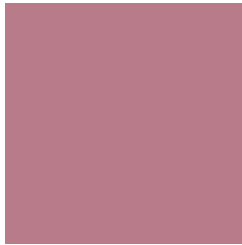
156, 0, 39



28, 0, 7

Previews

White Background



This preview shows how the RYB color 183, 123, 138 looks on a white background.

Color Contrast Check

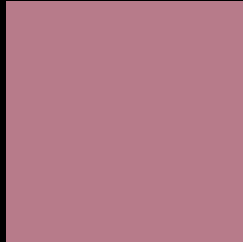
Large Text (above 18pt) WCAG AA ✓ Pass

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, 123, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

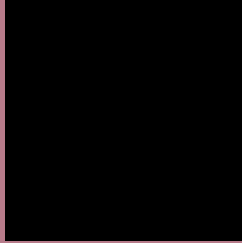
Any Text WCAG AA ✓ Pass

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](#).

RYB 183, 123, 138 Background



This preview shows how black text looks on a background with the RYB color 183, 123, 138.

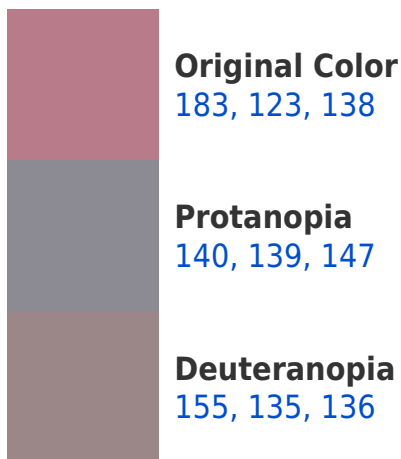


This preview shows how white text looks on a background with the RYB color 183, 123, 138.

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
182, 124, 133

Trichromacy



Original Color
183, 123, 138

Protanomaly
156, 133, 144

Deuteranomaly
165, 131, 137

Tritanomaly
182, 124, 135

Monochromacy



Original Color
183, 123, 138

Achromatopsia
143, 143, 143

Achromatomaly
158, 136, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 123, 138 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, 123, 138) looks like.

```
.text, #text, p{  
    color:rgb(183, 123, 138)  
}
```

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, 123, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 123, 138) }
```

Border

The CSS property to change the border of an element to RYB 183, 123, 138 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, 123, 138) }
```

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

```
.border{ border-color:rgb(183, 123, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 123, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 123, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 123, 138);  
box-shadow:4px 4px 4px 4px rgb(183, 123,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 183, 123, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 123, 138) }
```

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

```
.background{ background-color: rgb(183,  
123, 138) }
```

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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