

Converting Colors

`RYB(189, 122, 136)`

Have a look what the booklet for
RYB(189, 122, 136) contains.

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Color

R_YB(189, 122, 136)

Conversions

Conversions Part 1

Format	Color
Hex	BD7A88
RGB	189, 122, 136
RGB Percent	74%, 48%, 53%
CMY	0.2588, 0.5216, 0.4667
CMYK	0.00, 0.35, 0.28, 0.26
HSL	347°, 34%, 61%
HSV	347°, 35%, 74%
XYZ	32.3897, 26.5155, 26.7034
YIQ	143.6290, 35.4380, 18.5580

Conversions

Conversions Part 2

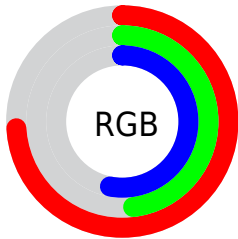
Format	Color
RYB	189, 122, 136
Decimal	12417672
CIELab	58.52, 28.02, 3.30
CIELCh	59, 28.215, 6.715
Yxy	26.5155, 0.3783, 0.3097
Android (android.graphics.Color)	4290607752 (0xFFBD7A88)
YUV	143.6290, -3.7611, 39.7904
Hunter-Lab	51.4932, 22.1653, 5.2985

Details

The RYB color **189, 122, 136** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **122, 159, 189**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **247, 175, 189**, and **134, 72, 86** is the 20% darker color. If you saturate the color by 10%, you get **189, 103, 121**, and if you desaturate by 10%, it is **189, 141, 151**.

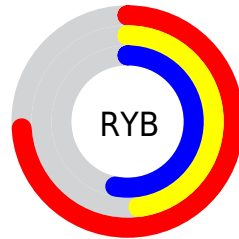
Distribution



Red (74%)

Green (48%)

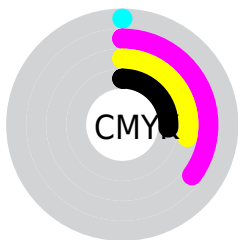
Blue (53%)



Red (74%)

Yellow (48%)

Blue (53%)

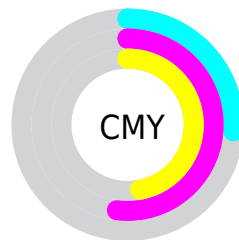


Cyan (0%)

Magenta (35%)

Yellow (28%)

Black (26%)



Cyan (26%)

Magenta (52%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 122, 136 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 189, 122, 136 by changing the saturation by 10% instead.

 189, 122, 136

255, 255, 255

 247, 175, 189

 255, 203, 217

 255, 231, 245

 189, 122, 136

 161, 97, 111

 134, 72, 86

 107, 48, 63

 82, 25, 41

 57, 1, 21

 35, 0, 1

 0, 0, 0

 189, 122, 136

 189, 103, 121

 189, 122, 136

 189, 141, 151

 189, 84, 106

 189, 160, 166

 189, 65, 91

 189, 179, 181

 189, 46, 76

 189, 194, 198

 189, 28, 61

 189, 205, 217

 189, 9, 46

 189, 214, 235

 189, 0, 39

 189, 225, 254

 189, 222, 255

Harmonies

Analogous

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



177, 125, 161



189, 122, 136



187, 128, 112

Triad

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



189, 122, 136



100, 148, 123



78, 121, 186

Complementary

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



189, 122, 136



122, 159, 189

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.



56, 108, 169



189, 122, 136



96, 136, 153

Square

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



189, 122, 136



104, 152, 91



68, 113, 154



116, 135, 190

Rectangle

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



189, 122, 136



180, 148, 100



68, 113, 154



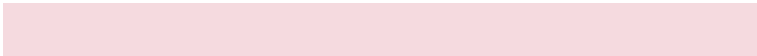
68, 116, 181

Sweetspot

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



189, 122, 136



245, 218, 223



174, 122, 189



122, 106, 110



250, 250, 250



122, 122, 122

Same Dimension

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



189, 122, 136



245, 140, 162



189, 149, 122



94, 85, 87



158, 0, 33



31, 0, 6

Inverse Universe

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



189, 122, 136



245, 140, 162



122, 150, 189



94, 85, 87



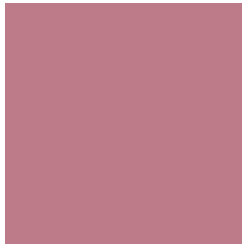
158, 0, 33



31, 0, 6

Previews

White Background



This preview shows how the RYB color 189, 122, 136 looks on a white background.

Color Contrast Check

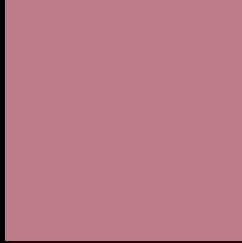
Large Text (above 18pt) WCAG AA ✓ Pass

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 189, 122, 136 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 189, 122, 136 Background



This preview shows how black text looks on a background with the RYB color 189, 122, 136.



This preview shows how white text looks on a background with the RYB color 189, 122, 136.

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
189, 123, 132

Trichromacy



Original Color

189, 122, 136

Protanomaly

159, 133, 143

Deuteranomaly

169, 131, 134

Tritanomaly

189, 123, 133

Monochromacy



Original Color

189, 122, 136

Achromatopsia

144, 144, 144

Achromatomaly

160, 136, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 122, 136 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(189, 122, 136)` looks like.

```
.text, #text, p{  
    color:rgb(189, 122, 136)  
}
```

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(189, 122, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 122, 136) }
```

Border

The CSS property to change the border of an element to RYB 189, 122, 136 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(189, 122, 136) }
```

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

```
.border{ border-color:rgb(189, 122, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 122, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 122, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 122, 136);  
box-shadow:4px 4px 4px 4px rgb(189, 122,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 189, 122, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 122, 136) }
```

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

```
.background{ background-color: rgb(189,  
122, 136) }
```

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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