

Converting Colors

`RYB(189, 113, 183)`

Have a look what the booklet for
RYB(189, 113, 183) contains.

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Color

`RYB(189, 113, 183)`

Conversions

Conversions Part 1

Format	Color
Hex	BD71B7
RGB	189, 113, 183
RGB Percent	74%, 44%, 72%
CMY	0.2588, 0.5569, 0.2824
CMYK	0.00, 0.40, 0.03, 0.26
HSL	305°, 37%, 59%
HSV	305°, 40%, 74%
XYZ	35.4386, 26.0480, 47.9597
YIQ	143.7040, 22.8260, 37.8820

Conversions

Conversions Part 2

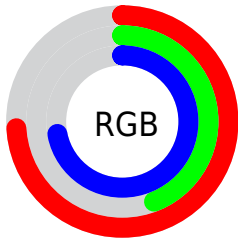
Format	Color
RYB	189, 113, 183
Decimal	12415415
CIELab	58.08, 40.55, -24.44
CIELCh	58, 47.349, 328.919
Yxy	26.0480, 0.3238, 0.2380
Android (android.graphics.Color)	4290605495 (0xFFBD71B7)
YUV	143.7040, 19.3729, 39.7246
Hunter-Lab	51.0372, 34.6297, -19.9888

Details

The RYB color **189, 113, 183** is a light color, and the websafe version is hex **996699**. A complement of this color would be **113, 183, 189**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **246, 166, 239**, and **134, 62, 130** is the 20% darker color. If you saturate the color by 10%, you get **189, 94, 182**, and if you desaturate by 10%, it is **189, 132, 184**.

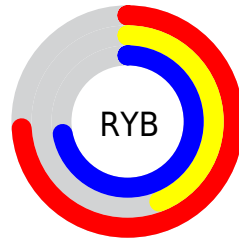
Distribution



Red (74%)

Green (44%)

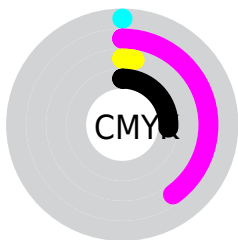
Blue (72%)



Red (74%)

Yellow (44%)

Blue (72%)

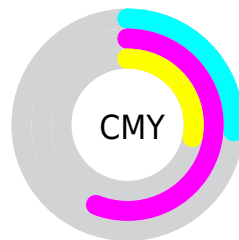


Cyan (0%)

Magenta (40%)

Yellow (3%)

Black (26%)



Cyan (26%)

Magenta (56%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the RYB color 189, 113, 183 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, 113, 183 by changing the saturation by 10% instead.

 189, 113, 183

 189, 113, 183

255, 255, 255

 161, 87, 156

 246, 166, 239

 134, 62, 130

 255, 194, 255

 108, 37, 104

 255, 223, 255

 82, 8, 80

 255, 251, 255

 57, 0, 57

 36, 0, 35

 0, 0, 9

 0, 0, 0

 189, 113, 183

 189, 113, 183

■ 189, 94, 182

■ 189, 132, 184

■ 189, 75, 180

■ 189, 151, 186

■ 189, 56, 179

■ 189, 170, 187

■ 189, 37, 177

■ 189, 189, 189

■ 189, 18, 176

■ 189, 207, 208

■ 189, 0, 174

■ 189, 223, 226

■ 189, 241, 245

■ 189, 250, 255

■ 189, 249, 255

Harmonies

Analogous

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



139, 129, 212



189, 113, 183



214, 104, 143

Triad

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



189, 113, 183



89, 164, 53



0, 84, 178

Complementary

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



189, 113, 183



113, 183, 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.



0, 86, 160



189, 113, 183



63, 149, 89

Square

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



189, 113, 183



197, 159, 69



68, 136, 157



0, 89, 210

Rectangle

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



189, 113, 183



217, 105, 115



68, 136, 157



0, 81, 165

Sweetspot

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



189, 113, 183



245, 215, 242



118, 113, 189



122, 105, 121



250, 250, 250



122, 122, 122

Same Dimension

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



189, 113, 183



245, 127, 236



189, 113, 146



94, 85, 94



158, 0, 146



31, 0, 28

Inverse Universe

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



189, 113, 183



245, 127, 236



113, 162, 189



94, 85, 94



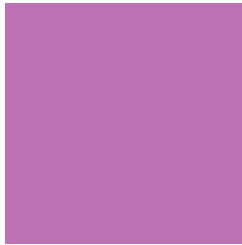
158, 0, 146



31, 0, 28

Previews

White Background



This preview shows how the RYB color 189, 113, 183 looks on a white background.

Color Contrast Check

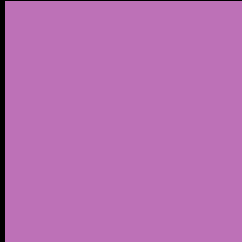
Large Text (above 18pt) WCAG AA ✓ Pass

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, 113, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

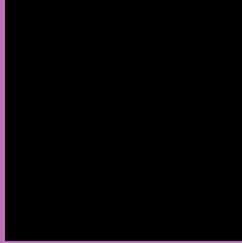
Any Text WCAG AA ✓ Pass

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, 113, 183 Background



This preview shows how black text looks on a background with the RYB color 189, 113, 183.



This preview shows how white text looks on a background with the RYB color 189, 113, 183.

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
189, 113, 183

Protanopia
119, 134, 202

Deuteranopia
133, 137, 179



Tritanopia
183, 124, 133

Trichromacy



Original Color

189, 113, 183



Protanomaly

144, 129, 195



Deuteranomaly

153, 128, 180



Tritanomaly

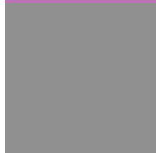
185, 120, 151

Monochromacy



Original Color

189, 113, 183



Achromatopsia

144, 144, 144



Achromatomaly

160, 133, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 113, 183 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, 113, 183)` looks like.

```
.text, #text, p{  
    color:rgb(189, 113, 183)  
}
```

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, 113, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 113, 183) }
```

Border

The CSS property to change the border of an element to RYB 189, 113, 183 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, 113, 183) }
```

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

```
.border{ border-color:rgb(189, 113, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 113, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 113, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 113, 183);  
box-shadow:4px 4px 4px 4px rgb(189, 113,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 189, 113, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 113, 183) }
```

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

```
.background{ background-color: rgb(189,  
113, 183) }
```

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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