

Converting Colors

`RYB(189, 138, 180)`

Have a look what the booklet for
RYB(189, 138, 180) contains.

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Color

`RYB(189, 138, 180)`

Conversions

Conversions Part 1

Format	Color
Hex	BD8AB4
RGB	189, 138, 180
RGB Percent	74%, 54%, 71%
CMY	0.2588, 0.4588, 0.2941
CMYK	0.00, 0.27, 0.05, 0.26
HSL	311°, 28%, 64%
HSV	311°, 27%, 74%
XYZ	38.3130, 32.2911, 47.3935
YIQ	158.0370, 16.9140, 23.8740

Conversions

Conversions Part 2

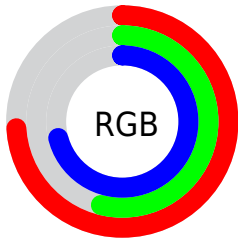
Format	Color
RYB	189, 138, 180
Decimal	12421812
CIELab	63.58, 26.32, -14.36
CIElCh	64, 29.984, 331.386
Yxy	32.2911, 0.3247, 0.2737
Android (android.graphics.Color)	4290611892 (0xFFBD8AB4)
YUV	158.0370, 10.8278, 27.1546
Hunter-Lab	56.8252, 20.9049, -9.6715

Details

The RYB color **189, 138, 180** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **138, 181, 189**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **246, 192, 236**, and **135, 87, 127** is the 20% darker color. If you saturate the color by 10%, you get **189, 119, 177**, and if you desaturate by 10%, it is **189, 157, 183**.

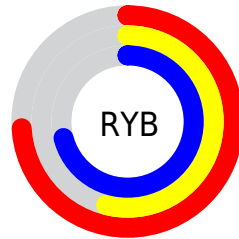
Distribution



Red (74%)

Green (54%)

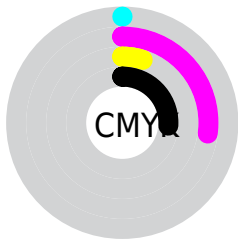
Blue (71%)



Red (74%)

Yellow (54%)

Blue (71%)

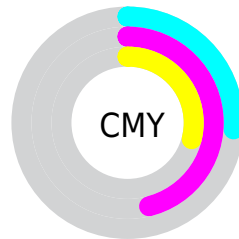


Cyan (0%)

Magenta (27%)

Yellow (5%)

Black (26%)



Cyan (26%)

Magenta (46%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 138, 180 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, 138, 180 by changing the saturation by 10% instead.

 189, 138, 180

 189, 138, 180

255, 255, 255

 162, 112, 153

 246, 192, 236


 135, 87, 127

 255, 220, 255

 109, 63, 102

 255, 249, 255

 84, 40, 78

 60, 18, 55

 38, 0, 34

 0, 0, 8

 0, 0, 0


 189, 138, 180

 189, 138, 180

 189, 119, 177


 189, 157, 183

 189, 100, 173

 189, 176, 187

 189, 81, 170

 189, 194, 195

 189, 62, 167

 189, 211, 214

 189, 43, 163

 189, 226, 233

 189, 25, 160

 189, 242, 251

 189, 6, 157

 189, 243, 255

 189, 0, 156

 189, 241, 255

 189, 239, 255

Harmonies

Analogous

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



159, 147, 200



189, 138, 180



205, 134, 154

Triad

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



189, 138, 180



124, 171, 100



63, 119, 181

Complementary

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



189, 138, 180



138, 181, 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.



81, 129, 169



189, 138, 180



108, 161, 126

Square

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



189, 138, 180



193, 170, 108



112, 154, 166



81, 130, 200

Rectangle

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



189, 138, 180



207, 135, 136



112, 154, 166



66, 118, 172

Sweetspot

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



189, 138, 180



245, 225, 241



146, 138, 189



122, 110, 120



250, 250, 250



122, 122, 122

Same Dimension

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



189, 138, 180



245, 166, 231



189, 138, 155



94, 85, 93



158, 0, 130



31, 0, 25

Inverse Universe

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



189, 138, 180



245, 166, 231



138, 169, 189



94, 85, 93



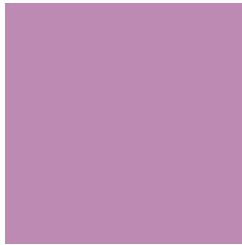
158, 0, 130



31, 0, 25

Previews

White Background



This preview shows how the RYB color 189, 138, 180 looks on a white background.

Color Contrast Check

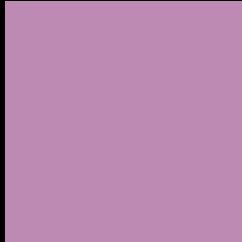
Large Text (above 18pt) WCAG AA × Fail

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, 138, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

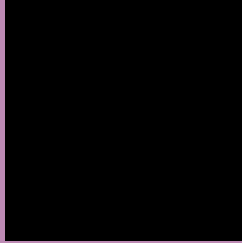
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 189, 138, 180 Background



This preview shows how black text looks on a background with the RYB color 189, 138, 180.

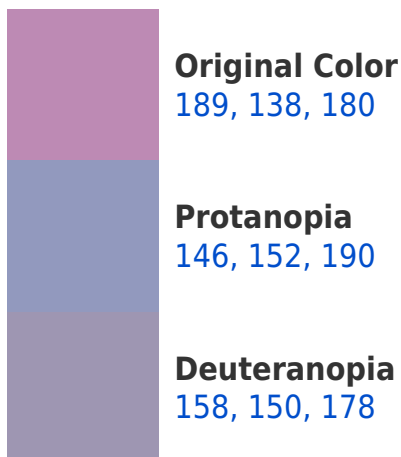



This preview shows how white text looks on a background with the RYB color 189, 138, 180.

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
186, 143, 154

Trichromacy



Original Color
189, 138, 180

Protanomaly
162, 148, 186

Deuteranomaly
169, 146, 179

Tritanomaly
187, 141, 163

Monochromacy



Original Color
189, 138, 180

Achromatopsia
158, 158, 158

Achromatomaly
169, 151, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 138, 180 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, 138, 180)` looks like.

```
.text, #text, p{  
    color:rgb(189, 138, 180)  
}
```

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, 138, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 138, 180) }
```

Border

The CSS property to change the border of an element to RYB 189, 138, 180 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, 138, 180) }
```

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

```
.border{ border-color:rgb(189, 138, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 138, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 138, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 138, 180);  
box-shadow:4px 4px 4px 4px rgb(189, 138,  
180) }
```

Background

The CSS property to change the background color of an element to RYB 189, 138, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 138, 180) }
```

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

```
.background{ background-color: rgb(189,  
138, 180) }
```

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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