

Converting Colors

`RYB(189, 134, 150)`

Have a look what the booklet for
RYB(189, 134, 150) contains.

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Color

`RYB(189, 134, 150)`

Conversions

Conversions Part 1

Format	Color
Hex	BD8696
RGB	189, 134, 150
RGB Percent	74%, 53%, 59%
CMY	0.2588, 0.4745, 0.4118
CMYK	0.00, 0.29, 0.21, 0.26
HSL	343°, 29%, 63%
HSV	343°, 29%, 74%
XYZ	35.0164, 30.0710, 32.8129
YIQ	152.2690, 27.6440, 16.6360

Conversions

Conversions Part 2

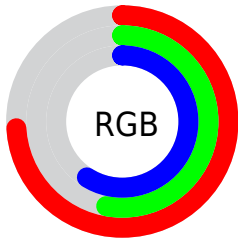
Format	Color
RYB	189, 134, 150
Decimal	12420758
CIELab	61.72, 23.46, -0.10
CIELCh	62, 23.458, 359.765
Yxy	30.0710, 0.3577, 0.3072
Android (android.graphics.Color)	4290610838 (0xFFBD8696)
YUV	152.2690, -1.1186, 32.2131
Hunter-Lab	54.8370, 18.0169, 2.9085

Details

The RYB color **189, 134, 150** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **134, 166, 189**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **246, 188, 204**, and **135, 84, 99** is the 20% darker color. If you saturate the color by 10%, you get **189, 115, 137**, and if you desaturate by 10%, it is **189, 153, 163**.

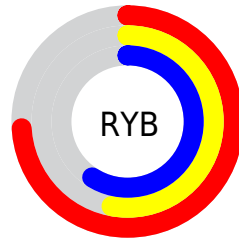
Distribution



Red (74%)

Green (53%)

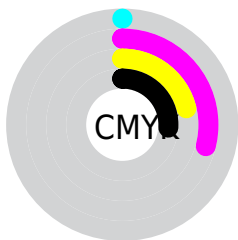
Blue (59%)



Red (74%)

Yellow (53%)

Blue (59%)

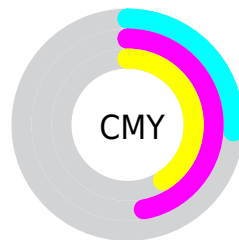


Cyan (0%)

Magenta (29%)

Yellow (21%)

Black (26%)



Cyan (26%)

Magenta (47%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 134, 150 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, 134, 150 by changing the saturation by 10% instead.

 189, 134, 150


255, 255, 255

 246, 188, 204

 255, 216, 232


 255, 244, 255

 189, 134, 150

 161, 108, 124

 135, 84, 99

 109, 60, 75

 83, 37, 53

 59, 15, 32

 39, 0, 8

 0, 0, 0

 189, 134, 150

 189, 115, 137

 189, 134, 150

 189, 153, 163

 189, 96, 123

 189, 172, 177

 189, 77, 110

 189, 190, 191

 189, 58, 96

 189, 201, 210

 189, 39, 83

 189, 213, 229

 189, 21, 70

 189, 223, 247

 189, 2, 56

 189, 225, 255

 189, 0, 55

 189, 222, 255

Harmonies

Analogous

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



176, 137, 170



189, 134, 150



191, 136, 129

Triad

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



189, 134, 150



113, 154, 125



97, 133, 184

Complementary

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



189, 134, 150



134, 166, 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.



87, 126, 169



189, 134, 150



118, 151, 159

Square

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



189, 134, 150



130, 164, 108



97, 133, 161



123, 143, 190

Rectangle

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



189, 134, 150



186, 148, 118



97, 133, 161



92, 130, 180

Sweetspot

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



189, 134, 150



245, 223, 229



173, 134, 189



122, 109, 113



250, 250, 250



122, 122, 122

Same Dimension

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



189, 134, 150



245, 159, 184



189, 148, 134



94, 85, 88



158, 0, 46



31, 0, 9

Inverse Universe

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



189, 134, 150



245, 159, 184



134, 158, 189



94, 85, 88



158, 0, 46



31, 0, 9

Previews

White Background



This preview shows how the RYB color 189, 134, 150 looks on a white background.

Color Contrast Check

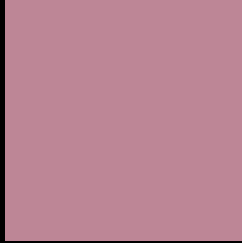
Large Text (above 18pt) WCAG AA × Fail

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, 134, 150 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, 134, 150 Background



This preview shows how black text looks on a background with the RYB color 189, 134, 150.



This preview shows how white text looks on a background with the RYB color 189, 134, 150.

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, 134, 150

Protanopia
149, 148, 159

Deuteranopia
164, 145, 148



Tritanopia
188, 135, 145

Trichromacy



Original Color
189, 134, 150

Protanomaly
164, 143, 156

Deuteranomaly
173, 141, 149

Tritanomaly
188, 135, 147

Monochromacy



Original Color
189, 134, 150

Achromatopsia
152, 152, 152

Achromatomaly
165, 145, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 134, 150 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, 134, 150) looks like.

```
.text, #text, p{  
    color:rgb(189, 134, 150)  
}
```

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, 134, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 134, 150) }
```

Border

The CSS property to change the border of an element to RYB 189, 134, 150 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, 134, 150) }
```

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

```
.border{ border-color:rgb(189, 134, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 134, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 134, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 134, 150);  
box-shadow:4px 4px 4px 4px rgb(189, 134,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 189, 134, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 134, 150) }
```

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

```
.background{ background-color: rgb(189,  
134, 150) }
```

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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