

Converting Colors

RGB(189, 32, 134)

Have a look what the booklet for
RGB(189, 32, 134) contains.

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Color

RGB(189, 32, 134)

Conversions

Conversions Part 1

Format	Color
Hex	BD2086
RGB	189, 32, 134
RGB Percent	74%, 13%, 53%
CMY	0.2588, 0.8745, 0.4745
CMYK	0.00, 0.83, 0.29, 0.26
HSL	321°, 71%, 43%
HSV	321°, 83%, 74%
XYZ	25.8059, 13.5731, 23.8140
YIQ	90.5710, 60.8300, 65.0060

Conversions

Conversions Part 2

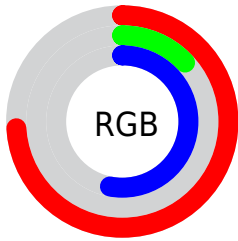
Format	Color
RYB	189, 32, 134
Decimal	12394630
CIELab	43.61, 66.81, -17.72
CIELCh	44, 69.116, 345.147
Yxy	13.5731, 0.4084, 0.2148
Android (android.graphics.Color)	4290584710 (0xFFBD2086)
YUV	90.5710, 21.4105, 86.3222
Hunter-Lab	36.8416, 60.5580, -12.5352

Details

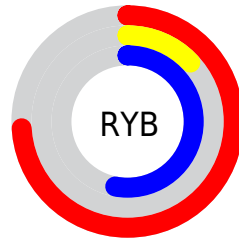
The RGB color **189, 32, 134** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **32, 189, 87**, and the grayscale version is **90, 90, 90**.

A 20% lighter version of the original color is **249, 97, 187**, and **131, 0, 84** is the 20% darker color. If you saturate the color by 10%, you get **189, 13, 127**, and if you desaturate by 10%, it is **189, 51, 141**.

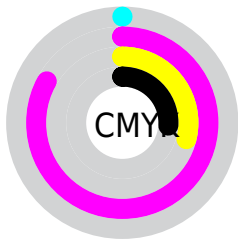
Distribution



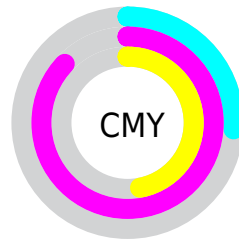
- Red (74%)
- Green (13%)
- Blue (53%)



- Red (74%)
- Yellow (13%)
- Blue (53%)



- Cyan (0%)
- Magenta (83%)
- Yellow (29%)
- Black (26%)



- Cyan (26%)
- Magenta (87%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 32, 134 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 RGB color 189, 32, 134 by changing the saturation by 10% instead.

 189, 32, 134

 189, 32, 134

255, 255, 255

 160, 0, 109

 249, 97, 187

 131, 0, 84

 255, 126, 215

 102, 0, 61

 255, 155, 244

 75, 0, 39

 255, 184, 255

 47, 0, 17

 255, 213, 255

 0, 0, 0

 255, 243, 255

 189, 32, 134

 189, 32, 134

 189, 13, 127

 189, 51, 141

■ 189, 0, 123

■ 189, 70, 147

■ 189, 89, 154

■ 189, 108, 160

■ 189, 127, 167

■ 189, 145, 174

■ 189, 164, 180

■ 189, 183, 187

■ 189, 202, 194

Harmonies

Analogous

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



140, 71, 185



189, 32, 134



201, 22, 77

Triad

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



189, 32, 134



99, 109, 0



0, 126, 184

Complementary

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



189, 32, 134



32, 189, 87

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, 127, 132



189, 32, 134



7, 120, 0

Square

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



189, 32, 134



149, 90, 0



0, 126, 71



0, 118, 215

Rectangle

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



189, 32, 134



193, 48, 40



0, 126, 71



0, 127, 168

Sweetspot

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



189, 32, 134



245, 184, 223



87, 32, 189



122, 86, 110



250, 250, 250



122, 122, 122

Same Dimension

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



189, 32, 134



245, 0, 159



189, 32, 56



94, 85, 91



158, 0, 103



31, 0, 20

Inverse Universe

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



189, 32, 134



245, 0, 159



32, 189, 165



94, 85, 91



158, 0, 103



31, 0, 20

Previews

White Background



This preview shows how the RGB color 189, 32, 134 looks on a white 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

Black Background



This preview shows how the RGB color 189, 32, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

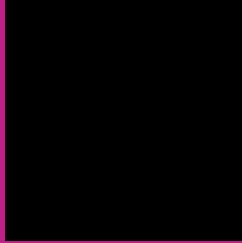
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 189, 32, 134 Background



This preview shows how black text looks on a background with the RGB color 189, 32, 134.

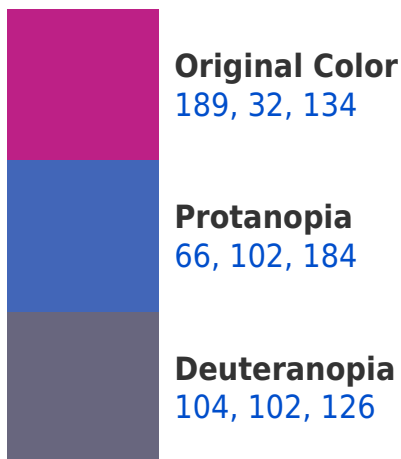


This preview shows how white text looks on a background with the RGB color 189, 32, 134.

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](#).

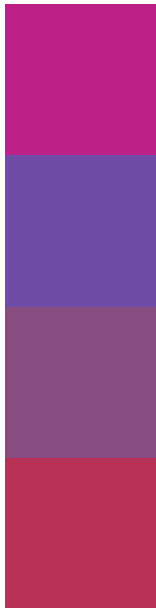
Dichromacy





Tritanopia
184, 59, 62

Trichromacy



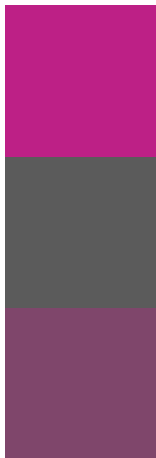
Original Color
189, 32, 134

Protanomaly
111, 77, 166

Deuteranomaly
135, 77, 129

Tritanomaly
186, 49, 88

Monochromacy



Original Color
189, 32, 134

Achromatopsia
91, 91, 91

Achromatomaly
127, 70, 107

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 32, 134 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, 32, 134)` looks like.

```
.text, #text, p{  
    color:rgb(189, 32, 134)  
}
```

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, 32, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 32, 134) }
```

Border

The CSS property to change the border of an element to RGB 189, 32, 134 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, 32, 134) }
```

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

```
.border{ border-color:rgb(189, 32, 134) }
```

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

Here you see how a box with a 4 pixel rgb(189, 32, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 32, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 32, 134);  
box-shadow:4px 4px 4px 4px rgb(189, 32,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 189, 32, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 32, 134) }
```

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

```
.background{ background-color: rgb(189, 32,  
134) }
```

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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