

Converting Colors

RGB(183, 37, 134)

Have a look what the booklet for
RGB(183, 37, 134) contains.

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Color

RGB(183, 37, 134)

Conversions

Conversions Part 1

Format	Color
Hex	B72586
RGB	183, 37, 134
RGB Percent	72%, 15%, 53%
CMY	0.2824, 0.8549, 0.4745
CMYK	0.00, 0.80, 0.27, 0.28
HSL	320°, 66%, 43%
HSV	320°, 80%, 72%
XYZ	24.4931, 13.1116, 23.7941
YIQ	91.7120, 55.8790, 61.1190

Conversions

Conversions Part 2

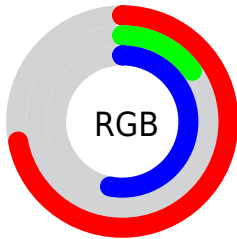
Format	Color
R_{YB}	183, 37, 134
Decimal	12002694
CIE _{Lab}	42.93, 64.17, -18.86
CIE _{LCh}	43, 66.881, 343.620
Yxy	13.1116, 0.3989, 0.2135
Android (android.graphics.Color)	4290192774 (0xFFB72586)
YUV	91.7120, 20.8480, 80.0596
Hunter-Lab	36.2100, 57.3730, -13.6133

Details

The RGB color **183, 37, 134** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **37, 183, 86**, and the grayscale version is **91, 91, 91**.

A 20% lighter version of the original color is **243, 99, 187**, and **125, 0, 84** is the 20% darker color. If you saturate the color by 10%, you get **183, 19, 128**, and if you desaturate by 10%, it is **183, 55, 140**.

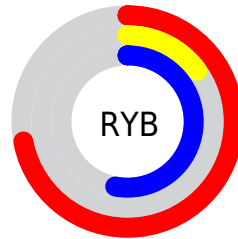
Distribution



Red (72%)

Green (15%)

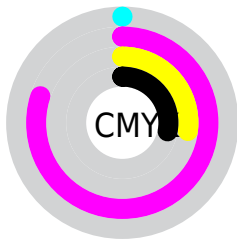
Blue (53%)



Red (72%)

Yellow (15%)

Blue (53%)

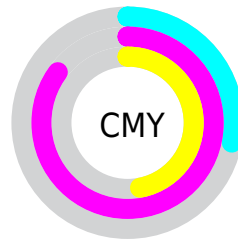


Cyan (0%)

Magenta (80%)

Yellow (27%)

Black (28%)



Cyan (28%)


Magenta (85%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 183, 37, 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 183, 37, 134 by changing the saturation by 10% instead.

 183, 37, 134

 183, 37, 134

255, 255, 255

 154, 0, 109

 243, 99, 187

 125, 0, 84

 255, 127, 215

 97, 0, 61

 255, 156, 244

 70, 0, 39

 255, 185, 255

 43, 0, 16


 255, 214, 255

 0, 0, 0

 255, 243, 255

 183, 37, 134

 183, 37, 134

 183, 19, 128

 183, 55, 140

■ 183, 0, 122

■ 183, 74, 146

■ 183, 0, 122

■ 183, 92, 152

■ 183, 110, 159

■ 183, 129, 165

■ 183, 147, 171

■ 183, 165, 177

■ 183, 183, 183

■ 183, 202, 189

Harmonies

Analogous

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



133, 73, 182



183, 37, 134



197, 26, 79

Triad

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



183, 37, 134



100, 107, 0



0, 124, 177

Complementary

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



183, 37, 134



37, 183, 86

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, 125, 126



183, 37, 134



25, 118, 0

Square

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



183, 37, 134



148, 88, 0



0, 123, 68



0, 116, 208

Rectangle

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



183, 37, 134



190, 47, 43



0, 123, 68



0, 125, 162

Sweetspot

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



183, 37, 134



237, 180, 218



86, 37, 183



120, 85, 108



247, 247, 247



120, 120, 120

Same Dimension

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



183, 37, 134



237, 9, 161



183, 37, 61



92, 83, 89



156, 0, 103



28, 0, 19

Inverse Universe

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



183, 37, 134



237, 9, 161



37, 183, 159



92, 83, 89



156, 0, 103



28, 0, 19

Previews

White Background



This preview shows how the RGB color 183, 37, 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 183, 37, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

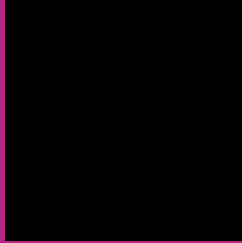
Any Text WCAG AA × Fail

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 183, 37, 134 Background



This preview shows how black text looks on a background with the RGB color 183, 37, 134.

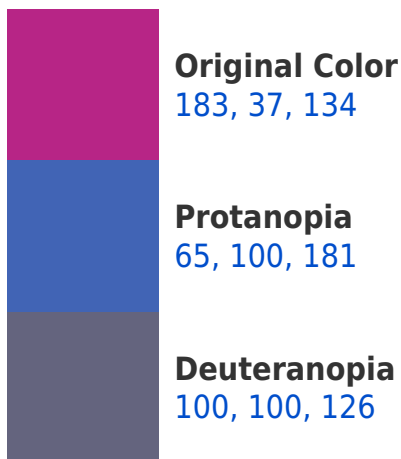


This preview shows how white text looks on a background with the RGB color 183, 37, 134.

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
178, 61, 65

Trichromacy



Original Color

183, 37, 134



Protanomaly

108, 77, 164



Deuteranomaly

130, 77, 129



Tritanomaly

180, 52, 90

Monochromacy



Original Color

183, 37, 134



Achromatopsia

92, 92, 92



Achromatomaly

125, 72, 107

CSS Examples

Text

The CSS property to change the color of the text to RGB 183, 37, 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(183, 37, 134)` looks like.

```
.text, #text, p{  
    color:rgb(183, 37, 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(183, 37, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 37, 134) }
```

Border

The CSS property to change the border of an element to RGB 183, 37, 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(183, 37, 134) }
```

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

```
.border{ border-color:rgb(183, 37, 134) }
```

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

Here you see how a box with a 4 pixel rgb(183, 37, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 37, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 37, 134);  
box-shadow:4px 4px 4px 4px rgb(183, 37,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 183, 37, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 37, 134) }
```

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

```
.background{ background-color: rgb(183, 37,  
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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