

Converting Colors

`RYB(183, 68, 150)`

Have a look what the booklet for
RYB(183, 68, 150) contains.

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Color

`RYB(183, 68, 150)`

Conversions

Conversions Part 1

Format	Color
Hex	B74496
RGB	183, 68, 150
RGB Percent	72%, 27%, 59%
CMY	0.2824, 0.7333, 0.4118
CMYK	0.00, 0.63, 0.18, 0.28
HSL	317°, 46%, 49%
HSV	317°, 63%, 72%
XYZ	27.1006, 16.4035, 30.5920
YIQ	111.7330, 42.2180, 49.8820

Conversions

Conversions Part 2

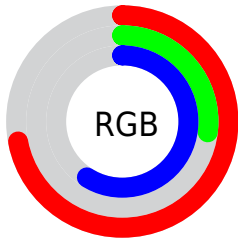
Format	Color
R_{YB}	183, 68, 150
Decimal	12010646
CIE _{Lab}	47.50, 55.39, -21.51
CIE _{LCh}	47, 59.417, 338.775
Yxy	16.4035, 0.3657, 0.2214
Android (android.graphics.Color)	4290200726 (0xFFB74496)
YUV	111.7330, 18.8656, 62.5012
Hunter-Lab	40.5013, 48.5623, -16.4329

Details

The RYB color **183, 68, 150** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **68, 157, 183**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **242, 123, 204**, and **127, 0, 99** is the 20% darker color. If you saturate the color by 10%, you get **183, 50, 145**, and if you desaturate by 10%, it is **183, 86, 155**.

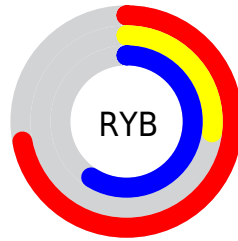
Distribution



Red (72%)

Green (27%)

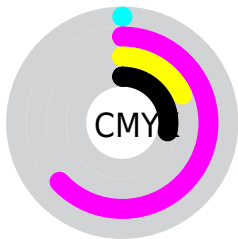
Blue (59%)



Red (72%)

Yellow (27%)

Blue (59%)

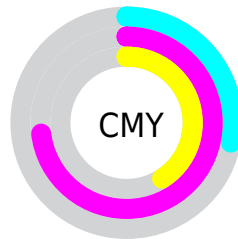


Cyan (0%)

Magenta (63%)

Yellow (18%)

Black (28%)



Cyan (28%)

Magenta (73%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 68, 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 183, 68, 150 by changing the saturation by 10% instead.

 183, 68, 150

 183, 68, 150

255, 255, 255

 155, 39, 124

 242, 123, 204

 127, 0, 99

 255, 150, 233

 99, 0, 75

 255, 179, 255

 73, 0, 52

 255, 207, 255

 48, 0, 31

 255, 236, 255

 4, 0, 0

 0, 0, 0

 183, 68, 150

 183, 68, 150

 183, 50, 145

 183, 86, 155

183, 31, 139

183, 105, 161

183, 13, 134

183, 123, 166

183, 0, 130

183, 141, 171

183, 160, 176

183, 178, 182

183, 193, 196

183, 207, 214

183, 222, 233

Harmonies

Analogous

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



132, 92, 191



183, 68, 150



201, 58, 100

Triad

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



183, 68, 150



7, 122, 0



0, 76, 174

Complementary

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



183, 68, 150



68, 157, 183

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, 70, 135



183, 68, 150



23, 127, 83

Square

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



183, 68, 150



115, 164, 1



0, 85, 133



0, 79, 206

Rectangle

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



183, 68, 150



198, 67, 68



0, 85, 133



0, 73, 160

Sweetspot

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



183, 68, 150



237, 192, 224



101, 68, 183



120, 92, 112



247, 247, 247



120, 120, 120

Same Dimension

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



183, 68, 150



237, 59, 186



183, 68, 93



92, 83, 89



156, 0, 111



28, 0, 20

Inverse Universe

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



183, 68, 150



237, 59, 186



68, 133, 183



92, 83, 89



156, 0, 111



28, 0, 20

Previews

White Background



This preview shows how the RYB color 183, 68, 150 looks on a white background.

Color Contrast Check

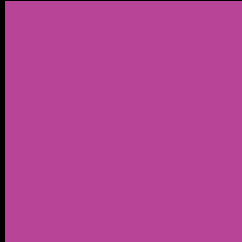
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 183, 68, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

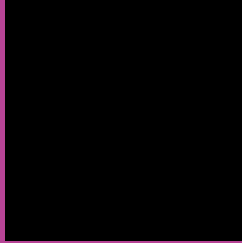
Any Text WCAG AA × Fail

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](#).

R Y B 183, 68, 150 Background



This preview shows how black text looks on a background with the R Y B color 183, 68, 150.

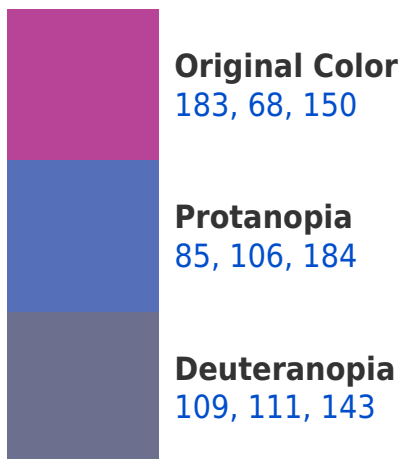


This preview shows how white text looks on a background with the R Y B color 183, 68, 150.

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





Tritanopia
177, 84, 89

Trichromacy



Original Color

183, 68, 150



Protanomaly

121, 95, 172



Deuteranomaly

136, 95, 146



Tritanomaly

179, 78, 111

Monochromacy



Original Color

183, 68, 150



Achromatopsia

112, 112, 112



Achromatomaly

138, 96, 126

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 68, 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(183, 68, 150)` looks like.

```
.text, #text, p{  
    color:rgb(183, 68, 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(183, 68, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 68, 150) }
```

Border

The CSS property to change the border of an element to RYB 183, 68, 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(183, 68, 150) }
```

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

```
.border{ border-color:rgb(183, 68, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 68, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 68, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 68, 150);  
box-shadow:4px 4px 4px 4px rgb(183, 68,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 183, 68, 150 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 68, 150) }
```

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

```
.background{ background-color: rgb(183, 68,  
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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