

Converting Colors

RGB(186, 50, 136)

Have a look what the booklet for
RGB(186, 50, 136) contains.

RGB(186, 50, 136)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(186, 50, 136)

Conversions

Conversions Part 1

Format	Color
Hex	BA3288
RGB	186, 50, 136
RGB Percent	73%, 20%, 53%
CMY	0.2706, 0.8039, 0.4667
CMYK	0.00, 0.73, 0.27, 0.27
HSL	322°, 58%, 46%
HSV	322°, 73%, 73%
XYZ	25.8342, 14.4979, 24.7293
YIQ	100.4680, 53.4500, 55.5780

Conversions

Conversions Part 2

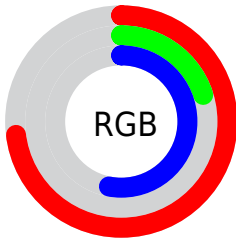
Format	Color
R_{YB}	186, 50, 136
Decimal	12202632
CIE _{Lab}	44.94, 61.22, -16.96
CIE _{LCh}	45, 63.522, 344.517
Yxy	14.4979, 0.3971, 0.2228
Android (android.graphics.Color)	4290392712 (0xFFBA3288)
YUV	100.4680, 17.5173, 75.0116
Hunter-Lab	38.0761, 54.4773, -11.8539

Details

The RGB color **186, 50, 136** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **50, 186, 100**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **245, 108, 189**, and **129, 0, 86** is the 20% darker color. If you saturate the color by 10%, you get **186, 31, 129**, and if you desaturate by 10%, it is **186, 69, 143**.

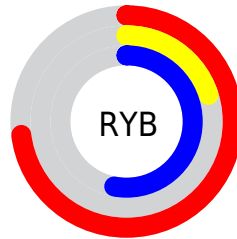
Distribution



Red (73%)

Green (20%)

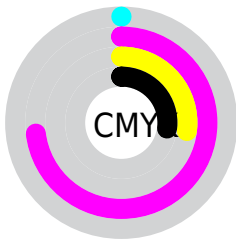
Blue (53%)



Red (73%)

Yellow (20%)

Blue (53%)

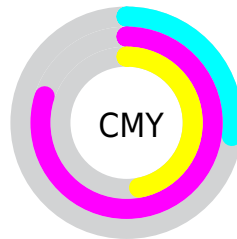


Cyan (0%)

Magenta (73%)

Yellow (27%)

Black (27%)



Cyan (27%)

Magenta (80%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 50, 136 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 186, 50, 136 by changing the saturation by 10% instead.

 186, 50, 136

 186, 50, 136

255, 255, 255

 157, 7, 111

 245, 108, 189

 129, 0, 86

 255, 136, 217

 100, 0, 63

 255, 165, 246

 73, 0, 41

 255, 193, 255

 47, 0, 19

 255, 223, 255

 0, 0, 0

 255, 252, 255

 186, 50, 136

 186, 50, 136

 186, 31, 129

 186, 69, 143

■ 186, 13, 122

■ 186, 87, 150

■ 186, 0, 118

■ 186, 106, 157

■ 186, 124, 163

■ 186, 143, 170

■ 186, 162, 177

■ 186, 180, 184

■ 186, 199, 191

■ 186, 217, 198

Harmonies

Analogous

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



140, 79, 183



186, 50, 136



199, 44, 83

Triad

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



186, 50, 136



105, 112, 0



0, 128, 180

Complementary

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



186, 50, 136



50, 186, 100

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, 130, 131



186, 50, 136



37, 123, 17

Square

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



186, 50, 136



151, 94, 0



0, 128, 76



0, 120, 209

Rectangle

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



186, 50, 136



192, 59, 49



0, 128, 76



0, 129, 165

Sweetspot

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



186, 50, 136



242, 189, 223



100, 50, 186



122, 91, 111



250, 250, 250



122, 122, 122

Same Dimension

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



186, 50, 136



242, 29, 164



186, 50, 68



92, 83, 88



156, 0, 98



28, 0, 18

Inverse Universe

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



186, 50, 136



242, 29, 164



50, 186, 168



92, 83, 88



156, 0, 98



28, 0, 18

Previews

White Background



This preview shows how the RGB color 186, 50, 136 looks on a white background.

Color Contrast Check

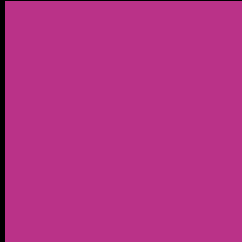
Large Text (above 18pt) WCAG AA ✓ Pass

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 186, 50, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

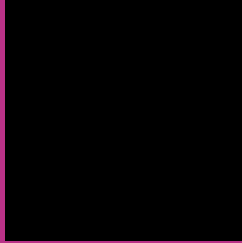
Any Text WCAG AA × Fail

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 186, 50, 136 Background



This preview shows how black text looks on a background with the RGB color 186, 50, 136.

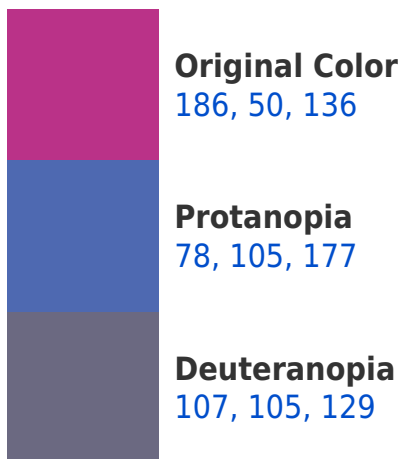


This preview shows how white text looks on a background with the RGB color 186, 50, 136.

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
181, 69, 73

Trichromacy



Original Color

186, 50, 136



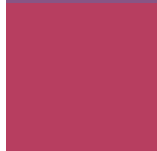
Protanomaly

117, 85, 162



Deuteranomaly

136, 85, 132



Tritanomaly

183, 62, 96

Monochromacy



Original Color

186, 50, 136



Achromatopsia

100, 100, 100



Achromatomaly

131, 82, 113

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 50, 136 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(186, 50, 136)` looks like.

```
.text, #text, p{  
    color:rgb(186, 50, 136)  
}
```

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(186, 50, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 50, 136) }
```

Border

The CSS property to change the border of an element to RGB 186, 50, 136 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(186, 50, 136) }
```

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

```
.border{ border-color:rgb(186, 50, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 50, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 50, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 50, 136);  
box-shadow:4px 4px 4px 4px rgb(186, 50,  
136) }
```

Background

The CSS property to change the background color of an element to RGB 186, 50, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 50, 136) }
```

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

```
.background{ background-color: rgb(186, 50,  
136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor