

Converting Colors

RGB(186, 53, 154)

Have a look what the booklet for
RGB(186, 53, 154) contains.

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Color

RGB(186, 53, 154)

Conversions

Conversions Part 1

Format	Color
Hex	BA359A
RGB	186, 53, 154
RGB Percent	73%, 21%, 60%
CMY	0.2706, 0.7922, 0.3961
CMYK	0.00, 0.72, 0.17, 0.27
HSL	314°, 56%, 47%
HSV	314°, 72%, 73%
XYZ	27.3555, 15.3184, 32.0868
YIQ	104.2810, 46.8470, 59.6070

Conversions

Conversions Part 2

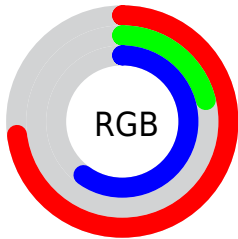
Format	Color
R_{YB}	186, 53, 154
Decimal	12203418
CIE _{Lab}	46.07, 62.59, -26.08
CIE _{LCh}	46, 67.805, 337.380
Yxy	15.3184, 0.3659, 0.2049
Android (android.graphics.Color)	4290393498 (0xFFBA359A)
YUV	104.2810, 24.5115, 71.6676
Hunter-Lab	39.1387, 56.2676, -21.2101

Details

The RGB color **186, 53, 154** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **53, 186, 85**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **245, 111, 209**, and **129, 0, 103** is the 20% darker color. If you saturate the color by 10%, you get **186, 34, 150**, and if you desaturate by 10%, it is **186, 72, 158**.

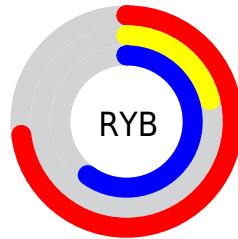
Distribution



Red (73%)

Green (21%)

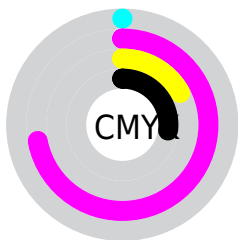
Blue (60%)



Red (73%)

Yellow (21%)

Blue (60%)

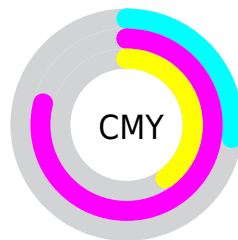


Cyan (0%)

Magenta (72%)

Yellow (17%)

Black (27%)



Cyan (27%)


Magenta (79%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the RGB color 186, 53, 154 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, 53, 154 by changing the saturation by 10% instead.

 186, 53, 154

255, 255, 255


 245, 111, 209

 255, 139, 237

 255, 168, 255


 255, 196, 255

 255, 226, 255

 186, 53, 154

 157, 14, 128

 129, 0, 103

 101, 0, 78

 74, 0, 55

 48, 0, 33

 4, 0, 5

 0, 0, 0

 186, 53, 154

 186, 34, 150

 186, 53, 154

 186, 72, 158

■ 186, 16, 145

■ 186, 90, 163

■ 186, 0, 141

■ 186, 109, 167

■ 186, 127, 172

■ 186, 146, 176

■ 186, 165, 181

■ 186, 183, 185

■ 186, 202, 190

■ 186, 220, 194

Harmonies

Analogous

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



125, 86, 200



186, 53, 154



207, 34, 98

Triad

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



186, 53, 154



120, 111, 0



0, 133, 177

Complementary

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



186, 53, 154



53, 186, 85

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, 134, 122



186, 53, 154



56, 124, 0

Square

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



186, 53, 154



166, 90, 0



0, 131, 62



0, 127, 215

Rectangle

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



186, 53, 154



204, 49, 61



0, 131, 62



0, 134, 160

Sweetspot

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



186, 53, 154



242, 191, 230



84, 53, 186



122, 92, 115



250, 250, 250



122, 122, 122

Same Dimension

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



186, 53, 154



242, 34, 192



186, 53, 88



92, 83, 90



156, 0, 118



28, 0, 21

Inverse Universe

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



186, 53, 154



242, 34, 192



53, 186, 151



92, 83, 90



156, 0, 118



28, 0, 21

Previews

White Background



This preview shows how the RGB color 186, 53, 154 looks on a white background.

Color Contrast Check

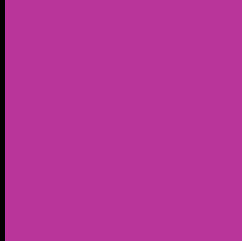
Large Text (above 18pt) WCAG AA ✓ Pass

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, 53, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

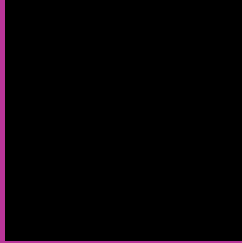
Any Text WCAG AA × Fail

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, 53, 154 Background



This preview shows how black text looks on a background with the RGB color 186, 53, 154.

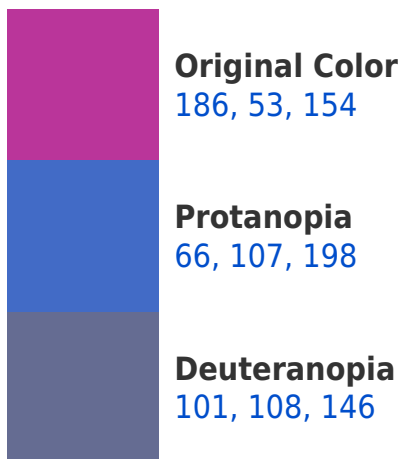



This preview shows how white text looks on a background with the RGB color 186, 53, 154.

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
179, 76, 81

Trichromacy



Original Color

186, 53, 154



Protanomaly

110, 87, 182



Deuteranomaly

132, 88, 149



Tritanomaly

182, 68, 108

Monochromacy



Original Color

186, 53, 154



Achromatopsia

104, 104, 104



Achromatomaly

134, 85, 122

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 53, 154 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, 53, 154)` looks like.

```
.text, #text, p{  
    color:rgb(186, 53, 154)  
}
```

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, 53, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 53, 154) }
```

Border

The CSS property to change the border of an element to RGB 186, 53, 154 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, 53, 154) }
```

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

```
.border{ border-color:rgb(186, 53, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 53, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 53, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 53, 154); box-shadow:4px 4px 4px 4px rgb(186, 53, 154) }
```

Background

The CSS property to change the background color of an element to RGB 186, 53, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 53, 154) }
```

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

```
.background{ background-color: rgb(186, 53,  
154) }
```

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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