

Converting Colors

RGB(186, 51, 123)

Have a look what the booklet for
RGB(186, 51, 123) contains.

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Color

RGB(186, 51, 123)

Conversions

Conversions Part 1

Format	Color
Hex	BA337B
RGB	186, 51, 123
RGB Percent	73%, 20%, 48%
CMY	0.2706, 0.8000, 0.5176
CMYK	0.00, 0.73, 0.34, 0.27
HSL	328°, 57%, 46%
HSV	328°, 73%, 73%
XYZ	25.0087, 14.2368, 20.1688
YIQ	99.5730, 57.3480, 51.0120

Conversions

Conversions Part 2

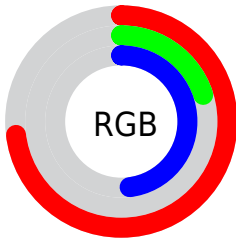
Format	Color
R_{YB}	186, 51, 123
Decimal	12202875
CIE _{Lab}	44.57, 59.32, -9.58
CIE _{LCh}	45, 60.084, 350.829
Yxy	14.2368, 0.4209, 0.2396
Android (android.graphics.Color)	4290392955 (0xFFBA337B)
YUV	99.5730, 11.5495, 75.7965
Hunter-Lab	37.7317, 52.2798, -5.2802

Details

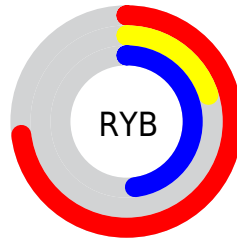
The RGB color **186, 51, 123** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **51, 186, 114**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **246, 109, 175**, and **128, 0, 74** is the 20% darker color. If you saturate the color by 10%, you get **186, 32, 114**, and if you desaturate by 10%, it is **186, 70, 132**.

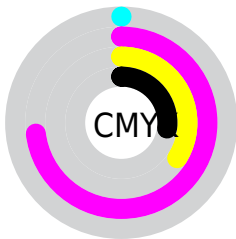
Distribution



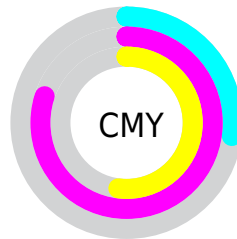
- Red (73%)
- Green (20%)
- Blue (48%)



- Red (73%)
- Yellow (20%)
- Blue (48%)



- Cyan (0%)
- Magenta (73%)
- Yellow (34%)
- Black (27%)



- Cyan (27%)
- Magenta (80%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 51, 123 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, 51, 123 by changing the saturation by 10% instead.



186, 51, 123



186, 51, 123

255, 255, 255



157, 11, 98



246, 109, 175



128, 0, 74



255, 137, 203



100, 0, 52



255, 165, 231



73, 0, 31



255, 193, 255



47, 0, 2



255, 223, 255



0, 0, 0



255, 252, 255



186, 51, 123



186, 51, 123



186, 32, 114



186, 70, 132

■ 186, 14, 106

■ 186, 88, 140

■ 186, 0, 99

■ 186, 107, 149

■ 186, 125, 158

■ 186, 144, 166

■ 186, 163, 175

■ 186, 181, 184

■ 186, 200, 192

■ 186, 218, 201

Harmonies

Analogous

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



150, 74, 169



186, 51, 123



192, 53, 73

Triad

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



186, 51, 123



94, 113, 0



0, 125, 183

Complementary

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



186, 51, 123



51, 186, 114

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, 128, 140



186, 51, 123



14, 122, 36

Square

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



186, 51, 123



140, 98, 0



0, 127, 88



0, 116, 205

Rectangle

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



186, 51, 123



183, 67, 42



0, 127, 88



0, 126, 170

Sweetspot

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



186, 51, 123



242, 189, 217



114, 51, 186



122, 91, 108



250, 250, 250



122, 122, 122

Same Dimension

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



186, 51, 123



242, 31, 144



186, 51, 55



92, 83, 88



156, 0, 83



28, 0, 15

Inverse Universe

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



186, 51, 123



242, 31, 144



51, 186, 182



92, 83, 88



156, 0, 83



28, 0, 15

Previews

White Background



This preview shows how the RGB color 186, 51, 123 looks on a white background.

Color Contrast Check

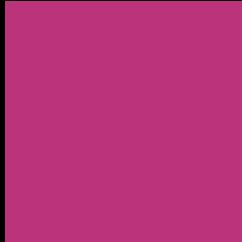
Large Text (above 18pt) WCAG AA ✓ Pass

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, 51, 123 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, 51, 123 Background



This preview shows how black text looks on a background with the RGB color 186, 51, 123.

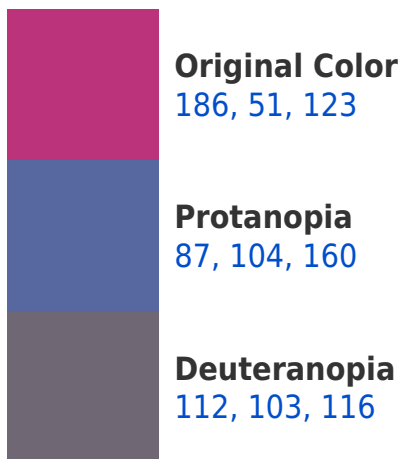


This preview shows how white text looks on a background with the RGB color 186, 51, 123.

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](#).

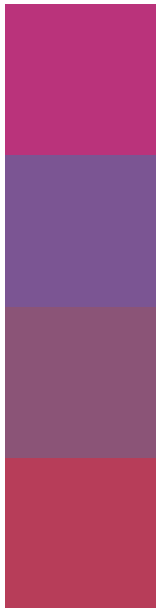
Dichromacy





Tritanopia
182, 66, 70

Trichromacy



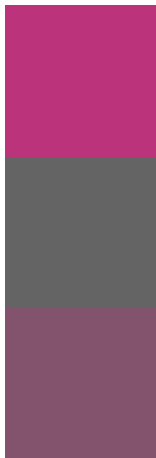
Original Color
186, 51, 123

Protanomaly
123, 85, 147

Deuteranomaly
139, 84, 119

Tritanomaly
183, 61, 89

Monochromacy



Original Color
186, 51, 123

Achromatopsia
100, 100, 100

Achromatomaly
131, 82, 108

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 51, 123 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, 51, 123)` looks like.

```
.text, #text, p{  
    color:rgb(186, 51, 123)  
}
```

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, 51, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 51, 123) }
```

Border

The CSS property to change the border of an element to RGB 186, 51, 123 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, 51, 123) }
```

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

```
.border{ border-color:rgb(186, 51, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 51, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 51, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 51, 123);  
box-shadow:4px 4px 4px 4px rgb(186, 51,  
123) }
```

Background

The CSS property to change the background color of an element to RGB 186, 51, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 51, 123) }
```

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

```
.background{ background-color: rgb(186, 51,  
123) }
```

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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