

Converting Colors

RGB(186, 85, 110)

Have a look what the booklet for
RGB(186, 85, 110) contains.

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Color

RGB(186, 85, 110)

Conversions

Conversions Part 1

Format	Color
Hex	BA556E
RGB	186, 85, 110
RGB Percent	73%, 33%, 43%
CMY	0.2706, 0.6667, 0.5686
CMYK	0.00, 0.54, 0.41, 0.27
HSL	345°, 42%, 53%
HSV	345°, 54%, 73%
XYZ	26.3127, 18.0619, 16.8513
YIQ	118.0490, 52.1710, 29.1870

Conversions

Conversions Part 2

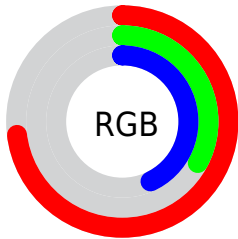
Format	Color
R_{YB}	186, 85, 110
Decimal	12211566
CIE _{Lab}	49.57, 43.24, 5.67
CIE _{LCh}	50, 43.608, 7.476
Yxy	18.0619, 0.4298, 0.2950
Android (android.graphics.Color)	4290401646 (0xFFBA556E)
YUV	118.0490, -3.9682, 59.5930
Hunter-Lab	42.4993, 36.1413, 6.2405

Details

The RGB color **186, 85, 110** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **85, 186, 161**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **245, 138, 161**, and **129, 32, 63** is the 20% darker color. If you saturate the color by 10%, you get **186, 66, 96**, and if you desaturate by 10%, it is **186, 104, 124**.

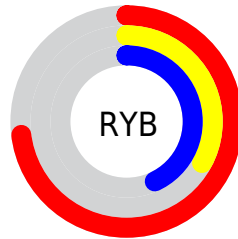
Distribution



Red (73%)

Green (33%)

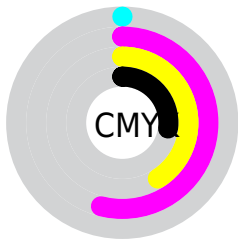
Blue (43%)



Red (73%)

Yellow (33%)

Blue (43%)

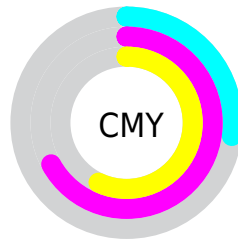


Cyan (0%)

Magenta (54%)

Yellow (41%)

Black (27%)



Cyan (27%)

Magenta (67%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 85, 110 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, 85, 110 by changing the saturation by 10% instead.



186, 85, 110



186, 85, 110

255, 255, 255



157, 59, 86



245, 138, 161



129, 32, 63



255, 165, 188



101, 0, 41



255, 193, 216



74, 0, 21



255, 222, 245



51, 0, 2



255, 251, 255



0, 0, 0



186, 85, 110



186, 85, 110



186, 66, 96



186, 104, 124



186, 48, 82




186, 122, 138


 186, 29, 68

 186, 141, 152

 186, 11, 54

 186, 159, 166

 186, 0, 46

 186, 178, 180

 186, 197, 194

 186, 215, 208

 186, 234, 222

 186, 252, 236

Harmonies

Analogous

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



170, 90, 147



186, 85, 110



182, 92, 75

Triad

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



186, 85, 110



91, 129, 56



0, 129, 186

Complementary

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



186, 85, 110



85, 186, 161

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, 135, 162



186, 85, 110



29, 134, 88

Square

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



186, 85, 110



130, 119, 40



0, 136, 126



66, 119, 191

Rectangle

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



186, 85, 110



169, 101, 56



0, 136, 126



0, 132, 180

Sweetspot

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



186, 85, 110



242, 203, 213



161, 85, 186



122, 99, 105



250, 250, 250



122, 122, 122

Same Dimension

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



186, 85, 110



242, 85, 124



186, 110, 85



92, 83, 85



156, 0, 39



28, 0, 7

Inverse Universe

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



186, 85, 110



242, 85, 124



85, 161, 186



92, 83, 85



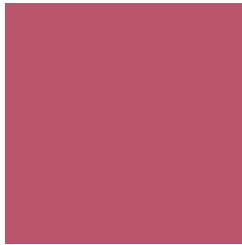
156, 0, 39



28, 0, 7

Previews

White Background



This preview shows how the RGB color 186, 85, 110 looks on a white background.

Color Contrast Check

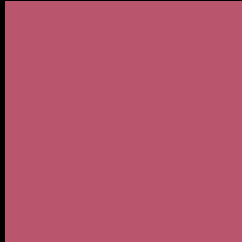
Large Text (above 18pt) WCAG AA ✓ Pass

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, 85, 110 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 186, 85, 110 Background



This preview shows how black text looks on a background with the RGB color 186, 85, 110.



This preview shows how white text looks on a background with the RGB color 186, 85, 110.

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
185, 88, 94

Trichromacy



Original Color
186, 85, 110

Protanomaly
143, 106, 121

Deuteranomaly
154, 103, 107

Tritanomaly
185, 87, 100

Monochromacy



Original Color
186, 85, 110

Achromatopsia
118, 118, 118

Achromatomaly
143, 106, 115

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 85, 110 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, 85, 110)` looks like.

```
.text, #text, p{  
    color:rgb(186, 85, 110)  
}
```

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, 85, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 85, 110) }
```

Border

The CSS property to change the border of an element to RGB 186, 85, 110 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, 85, 110) }
```

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

```
.border{ border-color:rgb(186, 85, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 85, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 85, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 85, 110);  
box-shadow:4px 4px 4px 4px rgb(186, 85,  
110) }
```

Background

The CSS property to change the background color of an element to RGB 186, 85, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 85, 110) }
```

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

```
.background{ background-color: rgb(186, 85,  
110) }
```

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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