

Converting Colors

RGB(186, 91, 199)

Have a look what the booklet for
RGB(186, 91, 199) contains.

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Color

RGB(186, 91, 199)

Conversions

Conversions Part 1

Format	Color
Hex	BA5BC7
RGB	186, 91, 199
RGB Percent	73%, 36%, 78%
CMY	0.2706, 0.6431, 0.2196
CMYK	0.07, 0.54, 0.00, 0.22
HSL	293°, 49%, 57%
HSV	293°, 54%, 78%
XYZ	34.2996, 22.0448, 56.4801
YIQ	131.7170, 21.9520, 53.7280

Conversions

Conversions Part 2

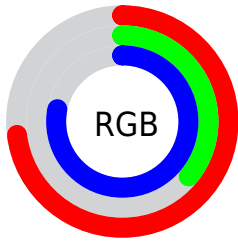
Format	Color
RYB	186, 91, 199
Decimal	12213191
CIELab	54.07, 53.93, -39.88
CIElCh	54, 67.073, 323.519
Yxy	22.0448, 0.3040, 0.1954
Android (android.graphics.Color)	4290403271 (0xFFBA5BC7)
YUV	131.7170, 33.1705, 47.6062
Hunter-Lab	46.9519, 48.2332, -38.4558

Details

The RGB color **186, 91, 199** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **104, 199, 91**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **244, 145, 255**, and **130, 36, 145** is the 20% darker color. If you saturate the color by 10%, you get **184, 71, 199**, and if you desaturate by 10%, it is **188, 111, 199**.

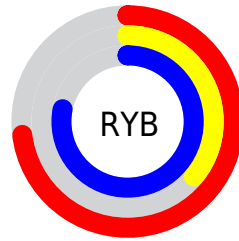
Distribution



Red (73%)

Green (36%)

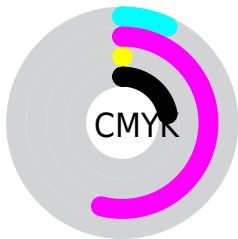
Blue (78%)



Red (73%)

Yellow (36%)

Blue (78%)

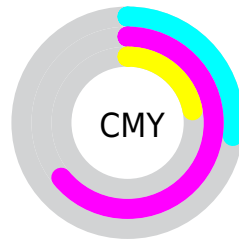


Cyan (7%)

Magenta (54%)

Yellow (0%)

Black (22%)



Cyan (27%)

Magenta (64%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the RGB color 186, 91, 199 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, 91, 199 by changing the saturation by 10% instead.

 186, 91, 199


255, 255, 255

 244, 145, 255

 255, 173, 255

 255, 201, 255

 255, 230, 255


 186, 91, 199

 158, 64, 171

 130, 36, 145

 103, 0, 118

 76, 0, 93

 51, 0, 69

 25, 0, 46

 0, 1, 24


 0, 0, 0


 186, 91, 199


 186, 91, 199


 184, 71, 199


 188, 111, 199


 181, 51, 199

 191, 131, 199


 179, 31, 199

 193, 151, 199

 176, 11, 199

 196, 171, 199

 175, 0, 199

 198, 191, 199

 200, 210, 199

 203, 230, 199

 205, 250, 199

 208, 255, 199

Harmonies

Analogous

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



99, 119, 236



186, 91, 199



225, 67, 144

Triad

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



186, 91, 199



166, 122, 0



0, 155, 174

Complementary

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



186, 91, 199



104, 199, 91

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, 155, 114



186, 91, 199



112, 140, 0

Square

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



186, 91, 199



207, 97, 33



5, 150, 55



0, 151, 222

Rectangle

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



186, 91, 199



231, 66, 106



5, 150, 55



0, 155, 155

Sweetspot

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



186, 91, 199



250, 214, 255



91, 105, 199



125, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



186, 91, 199



235, 89, 255



199, 91, 159



98, 90, 99



144, 0, 163



31, 0, 36

Inverse Universe

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



199, 91, 104



255, 89, 109



91, 199, 131



99, 90, 91



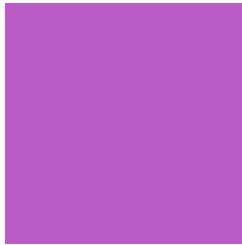
163, 0, 20



36, 0, 4

Previews

White Background



This preview shows how the RGB color 186, 91, 199 looks on a white background.

Color Contrast Check

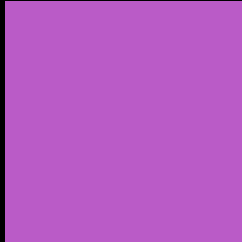
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 186, 91, 199 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, 91, 199 Background



This preview shows how black text looks on a background with the RGB color 186, 91, 199.

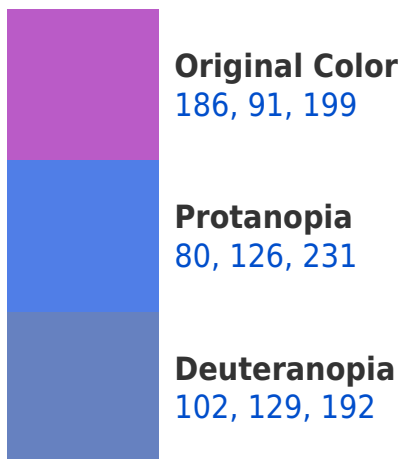



This preview shows how white text looks on a background with the RGB color 186, 91, 199.

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
176, 111, 120

Trichromacy



Original Color

186, 91, 199



Protanomaly

119, 113, 219



Deuteranomaly

133, 115, 195



Tritanomaly

180, 104, 149

Monochromacy



Original Color

186, 91, 199



Achromatopsia

132, 132, 132



Achromatomaly

152, 117, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 91, 199 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, 91, 199)` looks like.

```
.text, #text, p{  
    color:rgb(186, 91, 199)  
}
```

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, 91, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 91, 199) }
```

Border

The CSS property to change the border of an element to RGB 186, 91, 199 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, 91, 199) }
```

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

```
.border{ border-color:rgb(186, 91, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 91, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 91, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 91, 199);  
box-shadow:4px 4px 4px 4px rgb(186, 91,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 186, 91, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 91, 199) }
```

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

```
.background{ background-color: rgb(186, 91,  
199) }
```

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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