

Converting Colors

RGB(188, 159, 196)

Have a look what the booklet for
RGB(188, 159, 196) contains.

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Color

RGB(188, 159, 196)

Conversions

Conversions Part 1

Format	Color
Hex	BC9FC4
RGB	188, 159, 196
RGB Percent	74%, 62%, 77%
CMY	0.2627, 0.3765, 0.2314
CMYK	0.04, 0.19, 0.00, 0.23
HSL	287°, 24%, 70%
HSV	287°, 19%, 77%
XYZ	43.1010, 39.4732, 57.5720
YIQ	171.8890, 5.4070, 17.6550

Conversions

Conversions Part 2

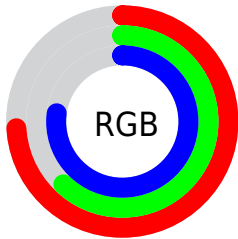
Format	Color
RYB	188, 159, 196
Decimal	12361668
CIELab	69.09, 17.36, -15.01
CIELCh	69, 22.951, 319.141
Yxy	39.4732, 0.3075, 0.2817
Android (android.graphics.Color)	4290551748 (0xFFBC9FC4)
YUV	171.8890, 11.8867, 14.1293
Hunter-Lab	62.8277, 12.5060, -10.3509

Details

The RGB color **188, 159, 196** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **167, 196, 159**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **244, 214, 253**, and **134, 107, 142** is the 20% darker color. If you saturate the color by 10%, you get **184, 139, 196**, and if you desaturate by 10%, it is **192, 179, 196**.

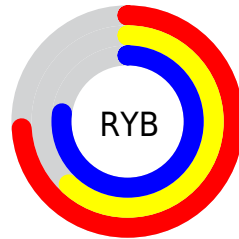
Distribution



Red (74%)

Green (62%)

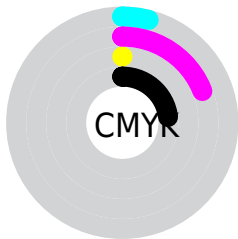
Blue (77%)



Red (74%)

Yellow (62%)

Blue (77%)

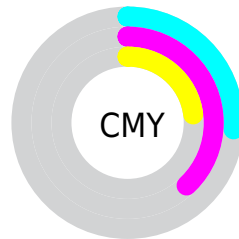


Cyan (4%)

Magenta (19%)

Yellow (0%)

Black (23%)



Cyan (26%)

Magenta (38%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the RGB color 188, 159, 196 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 188, 159, 196 by changing the saturation by 10% instead.


 188, 159, 196

 188, 159, 196

255, 255, 255

 161, 133, 169


 244, 214, 253


 134, 107, 142


 255, 242, 255

 109, 83, 117

 84, 60, 92


 61, 38, 68


 38, 17, 46

 18, 0, 26


 0, 0, 0


 188, 159, 196

 188, 159, 196

 184, 139, 196


 192, 179, 196

 180, 120, 196


 196, 198, 196

 175, 100, 196

 201, 218, 196

 171, 81, 196


 205, 237, 196

 167, 61, 196

 209, 255, 196

 163, 41, 196

 213, 255, 196

 158, 22, 196

 218, 255, 196

 154, 2, 196

 222, 255, 196

 154, 0, 196

 226, 255, 196

Harmonies

Analogous

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



162, 166, 208



188, 159, 196



205, 154, 177

Triad

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



188, 159, 196



191, 165, 128



110, 180, 181

Complementary

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



188, 159, 196



167, 196, 159

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.



124, 180, 160



188, 159, 196



170, 171, 129

Square

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



188, 159, 196



206, 158, 138



146, 177, 141



113, 178, 199

Rectangle

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



188, 159, 196



211, 154, 163



146, 177, 141



113, 181, 174

Sweetspot

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



188, 159, 196



252, 240, 255



159, 167, 196



126, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



188, 159, 196



242, 196, 255



196, 159, 186



95, 87, 97



126, 0, 161



26, 0, 33

Inverse Universe

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



196, 159, 167



255, 196, 209



159, 196, 169



97, 87, 89



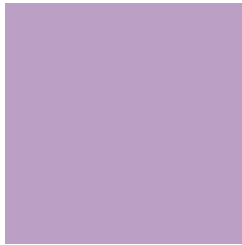
161, 0, 35



33, 0, 7

Previews

White Background



This preview shows how the RGB color 188, 159, 196 looks on a white background.

Color Contrast Check

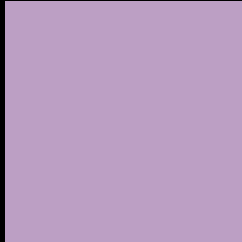
Large Text (above 18pt) WCAG AA × Fail

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 188, 159, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

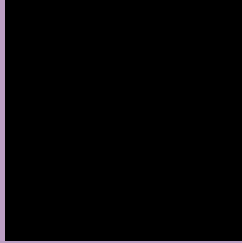
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RGB 188, 159, 196 Background



This preview shows how black text looks on a background with the RGB color 188, 159, 196.



This preview shows how white text looks on a background with the RGB color 188, 159, 196.

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



Original Color
188, 159, 196

Protanopia
162, 167, 202

Deuteranopia
173, 165, 195



Tritanopia
185, 163, 175

Trichromacy



Original Color
188, 159, 196

Protanomaly
171, 164, 200

Deuteranomaly
178, 163, 195

Tritanomaly
186, 162, 183

Monochromacy



Original Color
188, 159, 196

Achromatopsia
172, 172, 172

Achromatomaly
178, 167, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 159, 196 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(188, 159, 196)` looks like.

```
.text, #text, p{  
    color:rgb(188, 159, 196)  
}
```

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(188, 159, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 159, 196) }
```

Border

The CSS property to change the border of an element to RGB 188, 159, 196 is called "border". The border property can be set on classes, ids or directly on the HTML element.

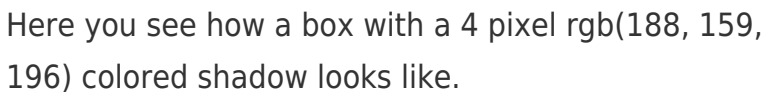
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 159, 196) }
```

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

```
.border{ border-color:rgb(188, 159, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 159, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 159, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 159, 196); box-shadow:4px 4px 4px 4px rgb(188, 159, 196) }
```

Background

The CSS property to change the background color of an element to RGB 188, 159, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 159, 196) }
```

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

```
.background{ background-color: rgb(188,  
159, 196) }
```

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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