

Converting Colors

RGB(188, 154, 201)

Have a look what the booklet for
RGB(188, 154, 201) contains.

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Color

RGB(188, 154, 201)

Conversions

Conversions Part 1

Format	Color
Hex	BC9AC9
RGB	188, 154, 201
RGB Percent	74%, 60%, 79%
CMY	0.2627, 0.3961, 0.2118
CMYK	0.06, 0.23, 0.00, 0.21
HSL	283°, 30%, 70%
HSV	283°, 23%, 79%
XYZ	42.8373, 38.0196, 60.3391
YIQ	169.5240, 5.1770, 21.8250

Conversions

Conversions Part 2

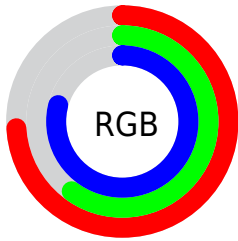
Format	Color
R _Y B	188, 154, 201
Decimal	12360393
CIE _{Lab}	68.04, 21.13, -19.39
CIE _{LCh}	68, 28.679, 317.463
Yxy	38.0196, 0.3034, 0.2693
Android (android.graphics.Color)	4290550473 (0xFFBC9AC9)
YUV	169.5240, 15.5177, 16.2035
Hunter-Lab	61.6600, 16.1047, -14.8578

Details

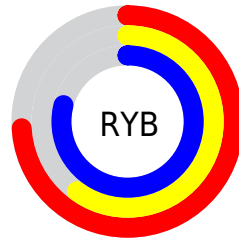
The RGB color **188, 154, 201** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **167, 201, 154**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **245, 209, 255**, and **134, 103, 147** is the 20% darker color. If you saturate the color by 10%, you get **182, 134, 201**, and if you desaturate by 10%, it is **194, 174, 201**.

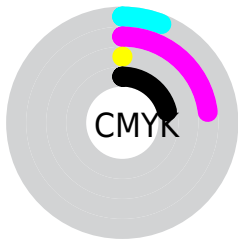
Distribution



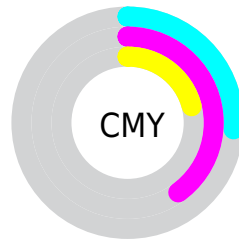
- Red (74%)
- Green (60%)
- Blue (79%)



- Red (74%)
- Yellow (60%)
- Blue (79%)



- Cyan (6%)
- Magenta (23%)
- Yellow (0%)
- Black (21%)



- Cyan (26%)
- Magenta (40%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RGB color 188, 154, 201 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, 154, 201 by changing the saturation by 10% instead.


 188, 154, 201

 188, 154, 201

255, 255, 255

 161, 128, 174


 245, 209, 255

 134, 103, 147

 255, 237, 255

 109, 78, 121

 84, 55, 96

 60, 33, 72


 37, 12, 50


 14, 0, 29

 0, 0, 0

 188, 154, 201


 188, 154, 201

 182, 134, 201


 194, 174, 201

 177, 114, 201

 199, 194, 201

 171, 94, 201


 205, 214, 201


 166, 74, 201

 210, 234, 201

 160, 53, 201

 216, 255, 201

 155, 33, 201

 221, 255, 201

 149, 13, 201

 227, 255, 201

 145, 0, 201

 232, 255, 201

 238, 255, 201

Harmonies

Analogous

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



154, 163, 215



188, 154, 201



210, 148, 178

Triad

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



188, 154, 201



194, 160, 116



87, 180, 180

Complementary

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



188, 154, 201



167, 201, 154

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.



110, 179, 154



188, 154, 201



169, 169, 116

Square

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



188, 154, 201



212, 152, 129



139, 176, 130



88, 177, 203

Rectangle

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



188, 154, 201



217, 147, 160



139, 176, 130



93, 180, 172

Sweetspot

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



188, 154, 201



250, 237, 255



154, 167, 201



125, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



188, 154, 201



235, 184, 255



201, 154, 191



97, 90, 99



118, 0, 163



26, 0, 36

Inverse Universe

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



201, 154, 167



255, 184, 203



154, 201, 164



99, 90, 92



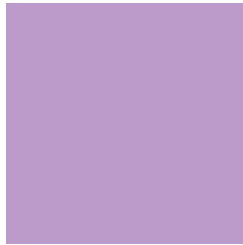
163, 0, 45



36, 0, 10

Previews

White Background



This preview shows how the RGB color 188, 154, 201 looks on a white background.

Color Contrast Check

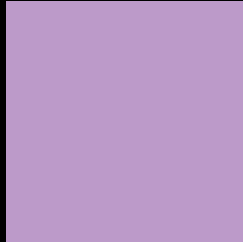
Large Text (above 18pt) WCAG AA × Fail

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, 154, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

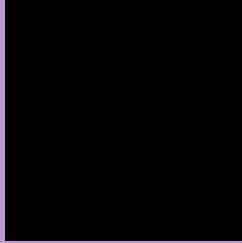
Any Text WCAG AA ✓ Pass

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, 154, 201 Background



This preview shows how black text looks on a background with the RGB color 188, 154, 201.



This preview shows how white text looks on a background with the RGB color 188, 154, 201.

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, 154, 201

Protanopia
155, 164, 208

Deuteranopia
166, 162, 199



Tritanopia
184, 159, 172

Trichromacy



Original Color
188, 154, 201

Protanomaly
167, 160, 205

Deuteranomaly
174, 159, 200

Tritanomaly
185, 157, 183

Monochromacy



Original Color
188, 154, 201

Achromatopsia
170, 170, 170

Achromatomaly
177, 164, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 154, 201 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, 154, 201)` looks like.

```
.text, #text, p{  
    color:rgb(188, 154, 201)  
}
```

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, 154, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 154, 201) }
```

Border

The CSS property to change the border of an element to RGB 188, 154, 201 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, 154, 201) }
```

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

```
.border{ border-color:rgb(188, 154, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 154, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 154, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 154, 201);  
box-shadow:4px 4px 4px 4px rgb(188, 154,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 188, 154, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 154, 201) }
```

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

```
.background{ background-color: rgb(188,  
154, 201) }
```

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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