

Converting Colors

RGB(188, 145, 194)

Have a look what the booklet for
RGB(188, 145, 194) contains.

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Color

RGB(188, 145, 194)

Conversions

Conversions Part 1

Format	Color
Hex	BC91C2
RGB	188, 145, 194
RGB Percent	74%, 57%, 76%
CMY	0.2627, 0.4314, 0.2392
CMYK	0.03, 0.25, 0.00, 0.24
HSL	293°, 29%, 66%
HSV	293°, 25%, 76%
XYZ	40.6020, 34.8372, 55.6232
YIQ	163.4430, 9.8990, 24.3550

Conversions

Conversions Part 2

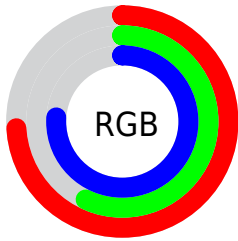
Format	Color
RYB	188, 145, 194
Decimal	12358082
CIELab	65.62, 24.75, -19.15
CIELCh	66, 31.293, 322.261
Yxy	34.8372, 0.3098, 0.2658
Android (android.graphics.Color)	4290548162 (0xFFBC91C2)
YUV	163.4430, 15.0646, 21.5365
Hunter-Lab	59.0231, 19.5001, -14.5587

Details

The RGB color **188, 145, 194** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **151, 194, 145**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **245, 199, 251**, and **134, 94, 140** is the 20% darker color. If you saturate the color by 10%, you get **186, 126, 194**, and if you desaturate by 10%, it is **190, 164, 194**.

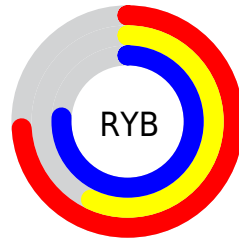
Distribution



Red (74%)

Green (57%)

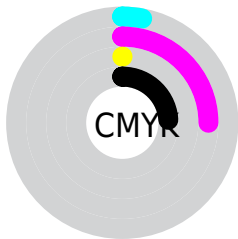
Blue (76%)



Red (74%)

Yellow (57%)

Blue (76%)

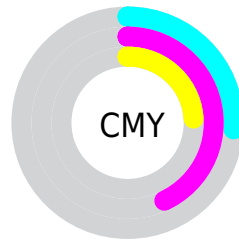


Cyan (3%)

Magenta (25%)

Yellow (0%)

Black (24%)



Cyan (26%)

Magenta (43%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 188, 145, 194 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, 145, 194 by changing the saturation by 10% instead.


 188, 145, 194

255, 255, 255


 245, 199, 251

 255, 227, 255

 188, 145, 194

 161, 119, 167

 134, 94, 140

 108, 70, 115


 84, 47, 90

 60, 25, 66

 37, 2, 44


 2, 0, 23


 0, 0, 0


 188, 145, 194


 188, 145, 194

 186, 126, 194


 190, 164, 194

 183, 106, 194

 193, 184, 194

 181, 87, 194


 195, 203, 194

 178, 67, 194

 198, 223, 194

 176, 48, 194

 200, 242, 194

 174, 29, 194

 202, 255, 194

 171, 9, 194

 205, 255, 194

 170, 0, 194

 207, 255, 194

 209, 255, 194

Harmonies

Analogous

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



153, 155, 211



188, 145, 194



209, 139, 168

Triad

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



188, 145, 194



185, 155, 104



65, 174, 180

Complementary

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



188, 145, 194



151, 194, 145

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.



91, 174, 151



188, 145, 194



157, 164, 107

Square

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



188, 145, 194



206, 146, 116



125, 171, 124



72, 171, 203

Rectangle

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



188, 145, 194



215, 138, 149



125, 171, 124



72, 175, 170

Sweetspot

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



188, 145, 194



250, 232, 252



145, 152, 194



126, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



188, 145, 194



243, 177, 252



194, 145, 176



96, 87, 97



141, 0, 161



29, 0, 33

Inverse Universe

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



194, 145, 151



252, 177, 186



145, 194, 163



97, 87, 88



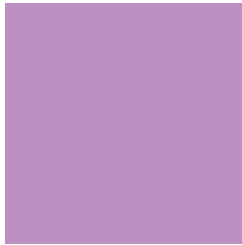
161, 0, 20



33, 0, 4

Previews

White Background



This preview shows how the RGB color 188, 145, 194 looks on a white background.

Color Contrast Check

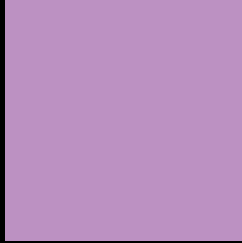
Large Text (above 18pt) WCAG AA × Fail

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, 145, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

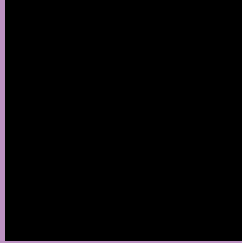
Any Text WCAG AA ✓ Pass

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, 145, 194 Background



This preview shows how black text looks on a background with the RGB color 188, 145, 194.



This preview shows how white text looks on a background with the RGB color 188, 145, 194.

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, 145, 194

Protanopia
148, 158, 203

Deuteranopia
159, 156, 192



Tritanopia
183, 151, 163

Trichromacy



Original Color
188, 145, 194

Protanomaly
163, 153, 200

Deuteranomaly
170, 152, 193

Tritanomaly
185, 149, 174

Monochromacy



Original Color
188, 145, 194

Achromatopsia
163, 163, 163

Achromatomaly
172, 156, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 145, 194 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, 145, 194)` looks like.

```
.text, #text, p{  
    color:rgb(188, 145, 194)  
}
```

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, 145, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 145, 194) }
```

Border

The CSS property to change the border of an element to RGB 188, 145, 194 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, 145, 194) }
```

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

```
.border{ border-color:rgb(188, 145, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 145, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 145, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 145, 194);  
box-shadow:4px 4px 4px 4px rgb(188, 145,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 188, 145, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 145, 194) }
```

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

```
.background{ background-color: rgb(188,  
145, 194) }
```

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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