

Converting Colors

RGB(184, 145, 212)

Have a look what the booklet for
RGB(184, 145, 212) contains.

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Color

RGB(184, 145, 212)

Conversions

Conversions Part 1

Format	Color
Hex	B891D4
RGB	184, 145, 212
RGB Percent	72%, 57%, 83%
CMY	0.2784, 0.4314, 0.1686
CMYK	0.13, 0.32, 0.00, 0.17
HSL	275°, 44%, 70%
HSV	275°, 32%, 83%
XYZ	41.7762, 35.1946, 66.8787
YIQ	164.2990, 1.7370, 29.1050

Conversions

Conversions Part 2

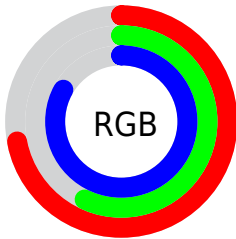
Format	Color
RYB	184, 145, 212
Decimal	12095956
CIELab	65.90, 27.14, -28.80
CIELCh	66, 39.577, 313.302
Yxy	35.1946, 0.2904, 0.2447
Android (android.graphics.Color)	4290286036 (0xFFB891D4)
YUV	164.2990, 23.5166, 17.2778
Hunter-Lab	59.3250, 21.8795, -25.3117

Details

The RGB color **184, 145, 212** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **173, 212, 145**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **241, 199, 255**, and **130, 94, 157** is the 20% darker color. If you saturate the color by 10%, you get **175, 124, 212**, and if you desaturate by 10%, it is **193, 166, 212**.

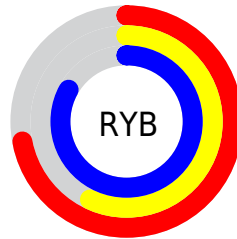
Distribution



Red (72%)

Green (57%)

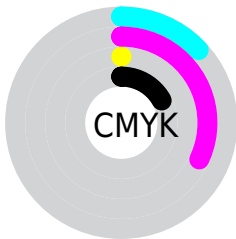
Blue (83%)



Red (72%)

Yellow (57%)

Blue (83%)

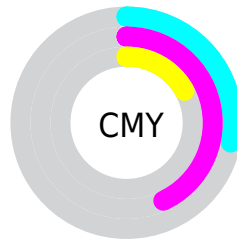


Cyan (13%)

Magenta (32%)

Yellow (0%)

Black (17%)



Cyan (28%)


Magenta (43%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the RGB color 184, 145, 212 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 184, 145, 212 by changing the saturation by 10% instead.

 184, 145, 212

 184, 145, 212

255, 255, 255

 157, 119, 184

 241, 199, 255

 130, 94, 157

 255, 227, 255

 104, 70, 131

 79, 47, 105


 55, 25, 81

 32, 2, 58


 0, 0, 36


 0, 0, 11

 0, 0, 0


 184, 145, 212

 184, 145, 212

 175, 124, 212


 193, 166, 212

 166, 103, 212


 202, 187, 212

 157, 81, 212


 211, 209, 212

 149, 60, 212

 219, 230, 212

 140, 39, 212

 228, 251, 212

 131, 18, 212

 237, 255, 212

 123, 0, 212

 246, 255, 212

 255, 255, 212

 255, 255, 212

Harmonies

Analogous

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



133, 158, 229



184, 145, 212



216, 134, 181

Triad

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



184, 145, 212



200, 151, 92



0, 179, 175

Complementary

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



184, 145, 212



173, 212, 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.



81, 177, 139



184, 145, 212



167, 163, 90

Square

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



184, 145, 212



222, 139, 113



128, 172, 107



0, 176, 208

Rectangle

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



184, 145, 212



227, 132, 158



128, 172, 107



36, 179, 163

Sweetspot

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



184, 145, 212



245, 232, 255



145, 174, 212



122, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



184, 145, 212



215, 158, 255



212, 145, 208



103, 96, 107



99, 0, 171



25, 0, 43

Inverse Universe

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



212, 145, 173



255, 158, 199



145, 212, 149



107, 96, 101



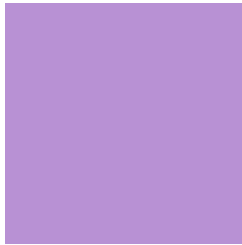
171, 0, 71



43, 0, 18

Previews

White Background



This preview shows how the RGB color 184, 145, 212 looks on a white background.

Color Contrast Check

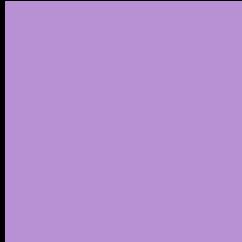
Large Text (above 18pt) WCAG AA × Fail

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 184, 145, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

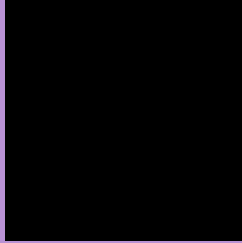
Any Text WCAG AA ✓ Pass

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 184, 145, 212 Background



This preview shows how black text looks on a background with the RGB color 184, 145, 212.



This preview shows how white text looks on a background with the RGB color 184, 145, 212.

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
184, 145, 212

Protanopia
141, 158, 222

Deuteranopia
149, 158, 210



Tritanopia
177, 154, 166

Trichromacy



Original Color
184, 145, 212

Protanomaly
157, 153, 218

Deuteranomaly
162, 153, 211

Tritanomaly
180, 151, 183

Monochromacy



Original Color
184, 145, 212

Achromatopsia
164, 164, 164

Achromatomaly
171, 157, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 184, 145, 212 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(184, 145, 212)` looks like.

```
.text, #text, p{  
    color:rgb(184, 145, 212)  
}
```

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(184, 145, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 145, 212) }
```

Border

The CSS property to change the border of an element to RGB 184, 145, 212 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(184, 145, 212) }
```

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

```
.border{ border-color:rgb(184, 145, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 145, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 145, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 145, 212);  
box-shadow:4px 4px 4px 4px rgb(184, 145,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 184, 145, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 145, 212) }
```

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

```
.background{ background-color: rgb(184,  
145, 212) }
```

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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