

Converting Colors

RGB(185, 145, 212)

Have a look what the booklet for
RGB(185, 145, 212) contains.

RGB(185, 145, 212)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(185, 145, 212)

Conversions

Conversions Part 1

Format	Color
Hex	B991D4
RGB	185, 145, 212
RGB Percent	73%, 57%, 83%
CMY	0.2745, 0.4314, 0.1686
CMYK	0.13, 0.32, 0.00, 0.17
HSL	276°, 44%, 70%
HSV	276°, 32%, 83%
XYZ	42.0166, 35.3186, 66.8900
YIQ	164.5980, 2.3330, 29.3170

Conversions

Conversions Part 2

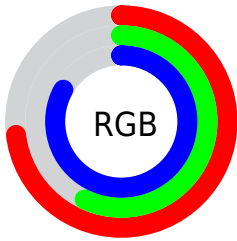
Format	Color
RYB	185, 145, 212
Decimal	12161492
CIELab	66.00, 27.46, -28.65
CIElCh	66, 39.681, 313.786
Yxy	35.3186, 0.2913, 0.2449
Android (android.graphics.Color)	4290351572 (0xFFB991D4)
YUV	164.5980, 23.3692, 17.8926
Hunter-Lab	59.4294, 22.1982, -25.1325

Details

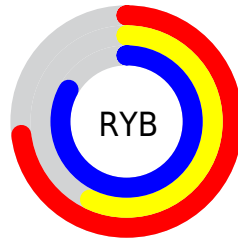
The RGB color **185, 145, 212** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **172, 212, 145**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **242, 199, 255**, and **131, 94, 157** is the 20% darker color. If you saturate the color by 10%, you get **176, 124, 212**, and if you desaturate by 10%, it is **194, 166, 212**.

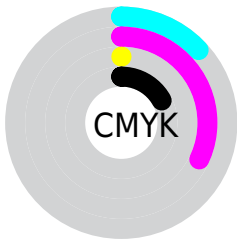
Distribution



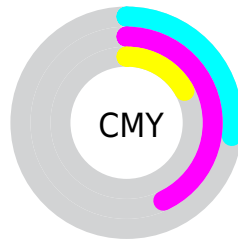
- Red (73%)
- Green (57%)
- Blue (83%)



- Red (73%)
- Yellow (57%)
- Blue (83%)



- Cyan (13%)
- Magenta (32%)
- Yellow (0%)
- Black (17%)



- Cyan (27%)
- Magenta (43%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 185, 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 185, 145, 212 by changing the saturation by 10% instead.


 185, 145, 212

 185, 145, 212


255, 255, 255

 158, 119, 184

 242, 199, 255

 131, 94, 157

 255, 227, 255

 105, 70, 131

 80, 47, 105

 56, 24, 81

 32, 2, 58


 0, 0, 36

 0, 0, 11

 0, 0, 0


 185, 145, 212

 185, 145, 212

 176, 124, 212


 194, 166, 212

 168, 103, 212

 202, 187, 212

 159, 81, 212


 211, 209, 212

 151, 60, 212

 219, 230, 212

 142, 39, 212

 228, 251, 212

 134, 18, 212

 236, 255, 212

 127, 0, 212

 245, 255, 212

 253, 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.



134, 158, 229



185, 145, 212



217, 134, 181

Triad

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



185, 145, 212



200, 152, 92



0, 179, 176

Complementary

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



185, 145, 212



172, 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.



80, 178, 139



185, 145, 212



167, 164, 90

Square

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



185, 145, 212



222, 139, 113



127, 173, 108



0, 177, 209

Rectangle

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



185, 145, 212



227, 132, 157



127, 173, 108



34, 179, 164

Sweetspot

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



185, 145, 212



246, 232, 255



145, 173, 212



122, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



185, 145, 212



216, 158, 255



212, 145, 206



103, 96, 107



102, 0, 171



26, 0, 43

Inverse Universe

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



212, 145, 172



255, 158, 197



145, 212, 151



107, 96, 101



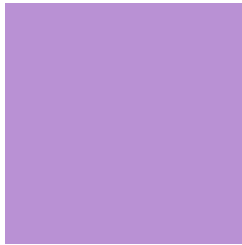
171, 0, 69



43, 0, 17

Previews

White Background



This preview shows how the RGB color 185, 145, 212 looks on a white background.

Color Contrast Check

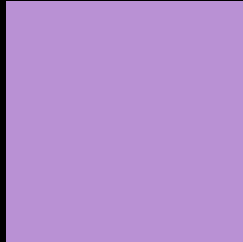
Large Text (above 18pt) WCAG AA × Fail

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 185, 145, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

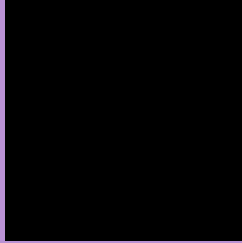
Any Text WCAG AA ✓ Pass

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 185, 145, 212 Background



This preview shows how black text looks on a background with the RGB color 185, 145, 212.



This preview shows how white text looks on a background with the RGB color 185, 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
185, 145, 212

Protanopia
141, 158, 222

Deuteranopia
150, 158, 209



Tritanopia
178, 154, 166

Trichromacy



Original Color
185, 145, 212

Protanomaly
157, 153, 218

Deuteranomaly
163, 153, 210

Tritanomaly
181, 151, 183

Monochromacy



Original Color
185, 145, 212

Achromatopsia
165, 165, 165

Achromatomaly
172, 158, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 185, 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(185, 145, 212)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 145, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 145, 212) }
```

Border

The CSS property to change the border of an element to RGB 185, 145, 212 is called "border". The border property can be set on classes, ids or directly on the HTML element.

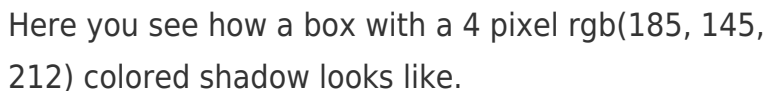
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 145, 212) }
```

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

```
.border{ border-color:rgb(185, 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(185, 145, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 145, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 145, 212);  
box-shadow:4px 4px 4px 4px rgb(185, 145,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 185, 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(185, 145, 212) }
```

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

```
.background{ background-color: rgb(185,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor