

Converting Colors

RGB(181, 165, 212)

Have a look what the booklet for
RGB(181, 165, 212) contains.

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Color

RGB(181, 165, 212)

Conversions

Conversions Part 1

Format	Color
Hex	B5A5D4
RGB	181, 165, 212
RGB Percent	71%, 65%, 83%
CMY	0.2902, 0.3529, 0.1686
CMYK	0.15, 0.22, 0.00, 0.17
HSL	260°, 35%, 74%
HSV	260°, 22%, 83%
XYZ	44.3949, 41.4875, 67.9554
YIQ	175.1420, -5.5510, 18.0090

Conversions

Conversions Part 2

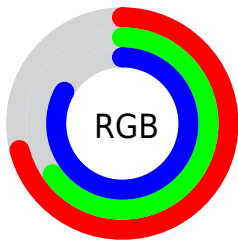
Format	Color
RYB	181, 165, 212
Decimal	11904468
CIELab	70.52, 15.03, -21.75
CIELCh	71, 26.438, 304.642
Yxy	41.4875, 0.2886, 0.2697
Android (android.graphics.Color)	4290094548 (0xFFB5A5D4)
YUV	175.1420, 18.1710, 5.1375
Hunter-Lab	64.4108, 10.3115, -17.4652

Details

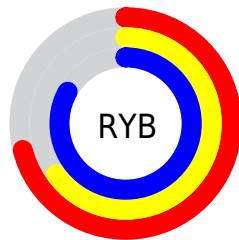
The RGB color **181, 165, 212** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **196, 212, 165**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **237, 220, 255**, and **128, 113, 157** is the 20% darker color. If you saturate the color by 10%, you get **167, 144, 212**, and if you desaturate by 10%, it is **195, 186, 212**.

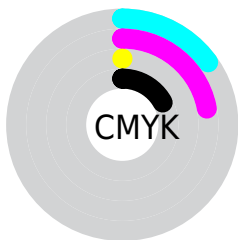
Distribution



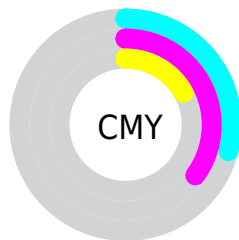
- Red (71%)
- Green (65%)
- Blue (83%)



- Red (71%)
- Yellow (65%)
- Blue (83%)



- Cyan (15%)
- Magenta (22%)
- Yellow (0%)
- Black (17%)



- Cyan (29%)
- Magenta (35%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 165, 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 181, 165, 212 by changing the saturation by 10% instead.

■ 181, 165, 212

255, 255, 255

■ 237, 220, 255

■ 255, 249, 255

■ 181, 165, 212

■ 154, 139, 184

■ 128, 113, 157

■ 102, 89, 131

■ 78, 65, 106


■ 54, 43, 81


■ 32, 22, 58


■ 13, 0, 37

■ 0, 1, 13

■ 0, 0, 0

 181, 165, 212

 181, 165, 212

 167, 144, 212

 195, 186, 212

 153, 123, 212


 209, 207, 212


 139, 101, 212

 223, 229, 212

 125, 80, 212

 237, 250, 212

 111, 59, 212

 251, 255, 212

 97, 38, 212

 255, 255, 212

 83, 17, 212

 72, 0, 212

Harmonies

Analogous

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



148, 173, 220



181, 165, 212



207, 158, 194

Triad

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



181, 165, 212



207, 164, 130



109, 186, 175

Complementary

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



181, 165, 212



196, 212, 165

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.



132, 184, 151



181, 165, 212



186, 172, 125

Square

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



181, 165, 212



220, 157, 146



160, 179, 132



101, 185, 199

Rectangle

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



181, 165, 212



217, 155, 178



160, 179, 132



116, 186, 167

Sweetspot

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



181, 165, 212



243, 237, 255



165, 196, 212



121, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



181, 165, 212



210, 186, 255



204, 165, 212



100, 96, 107



58, 0, 171



15, 0, 43

Inverse Universe

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



212, 165, 196



255, 186, 232



173, 212, 165



107, 96, 103



171, 0, 113



43, 0, 29

Previews

White Background



This preview shows how the RGB color 181, 165, 212 looks on a white background.

Color Contrast Check

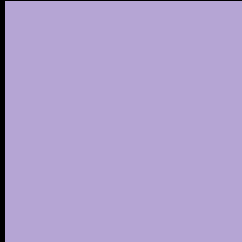
Large Text (above 18pt) WCAG AA × Fail

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 181, 165, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

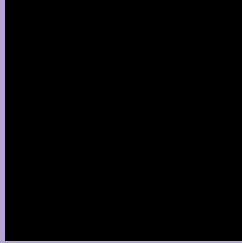
Any Text WCAG AA ✓ Pass

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 181, 165, 212 Background



This preview shows how black text looks on a background with the RGB color 181, 165, 212.



This preview shows how white text looks on a background with the RGB color 181, 165, 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
181, 165, 212

Protanopia
162, 171, 216

Deuteranopia
170, 169, 211



Tritanopia

176, 170, 184

Trichromacy



Original Color
181, 165, 212

Protanomaly
169, 169, 215

Deuteranomaly
174, 168, 211

Tritanomaly
178, 168, 194

Monochromacy



Original Color
181, 165, 212

Achromatopsia
175, 175, 175

Achromatomaly
177, 171, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 165, 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(181, 165, 212)` looks like.

```
.text, #text, p{  
    color:rgb(181, 165, 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(181, 165, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 165, 212) }
```

Border

The CSS property to change the border of an element to RGB 181, 165, 212 is called "border". The border property can be set on classes, ids or directly on the HTML element.

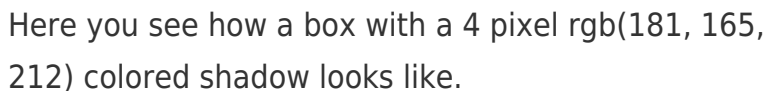
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 165, 212) }
```

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

```
.border{ border-color:rgb(181, 165, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 165, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 165, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 165, 212); box-shadow:4px 4px 4px 4px rgb(181, 165, 212) }
```

Background

The CSS property to change the background color of an element to RGB 181, 165, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 165, 212) }
```

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

```
.background{ background-color: rgb(181,  
165, 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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