

Converting Colors

RGB(168, 145, 210)

Have a look what the booklet for
RGB(168, 145, 210) contains.

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Color

RGB(168, 145, 210)

Conversions

Conversions Part 1

Format	Color
Hex	A891D2
RGB	168, 145, 210
RGB Percent	66%, 57%, 82%
CMY	0.3412, 0.4314, 0.1765
CMYK	0.20, 0.31, 0.00, 0.18
HSL	261°, 42%, 70%
HSV	261°, 31%, 82%
XYZ	37.9067, 33.2288, 65.3887
YIQ	159.2870, -7.1570, 25.0910

Conversions

Conversions Part 2

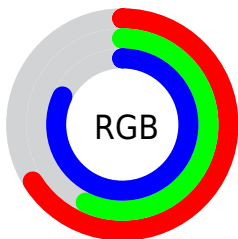
Format	Color
RYB	168, 145, 210
Decimal	11047378
CIELab	64.35, 21.72, -30.21
CIELCh	64, 37.209, 305.719
Yxy	33.2288, 0.2777, 0.2434
Android (android.graphics.Color)	4289237458 (0xFFA891D2)
YUV	159.2870, 25.0015, 7.6413
Hunter-Lab	57.6444, 16.5031, -26.9043

Details

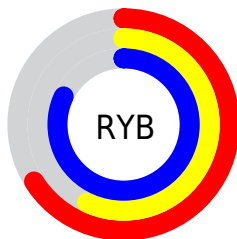
The RGB color **168, 145, 210** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **187, 210, 145**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **224, 199, 255**, and **115, 94, 155** is the 20% darker color. If you saturate the color by 10%, you get **154, 124, 210**, and if you desaturate by 10%, it is **182, 166, 210**.

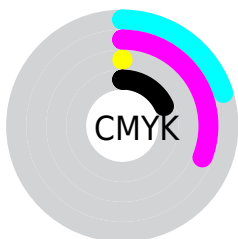
Distribution



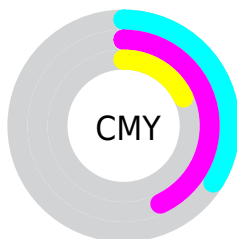
- Red (66%)
- Green (57%)
- Blue (82%)



- Red (66%)
- Yellow (57%)
- Blue (82%)



- Cyan (20%)
- Magenta (31%)
- Yellow (0%)
- Black (18%)



- Cyan (34%)
- Magenta (43%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the RGB color 168, 145, 210 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 168, 145, 210 by changing the saturation by 10% instead.


 168, 145, 210

255, 255, 255

 224, 199, 255

 253, 227, 255


 168, 145, 210

 141, 119, 182

 115, 94, 155

 89, 71, 129

 65, 48, 104

 41, 26, 79

 18, 3, 56

 0, 2, 34

 0, 0, 8

 0, 0, 0

■ 168, 145, 210

■ 168, 145, 210

■ 154, 124, 210

■ 182, 166, 210

■ 141, 103, 210

■ 195, 187, 210

■ 127, 82, 210

■ 209, 208, 210

■ 114, 61, 210

■ 222, 229, 210

■ 100, 40, 210

■ 236, 250, 210

■ 87, 19, 210

■ 249, 255, 210

■ 74, 0, 210

■ 255, 255, 210

Harmonies

Analogous

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



117, 157, 222



168, 145, 210



203, 134, 184

Triad

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



168, 145, 210



200, 145, 96



42, 174, 161

Complementary

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



168, 145, 210



187, 210, 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.



95, 171, 128



168, 145, 210



171, 156, 89

Square

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



168, 145, 210



217, 134, 119



136, 165, 101



0, 172, 194

Rectangle

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



168, 145, 210



216, 130, 162



136, 165, 101



62, 173, 150

Sweetspot

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



168, 145, 210



240, 232, 255



145, 187, 210



118, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



168, 145, 210



194, 161, 255



200, 145, 210



98, 94, 105



60, 0, 168



14, 0, 41

Inverse Universe

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



210, 145, 187



255, 161, 222



155, 210, 145



105, 94, 101



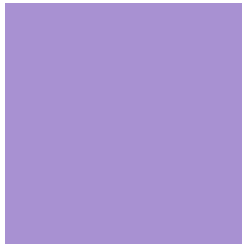
168, 0, 109



41, 0, 26

Previews

White Background



This preview shows how the RGB color 168, 145, 210 looks on a white background.

Color Contrast Check

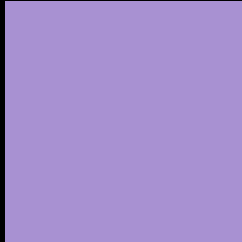
Large Text (above 18pt) WCAG AA × Fail

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 168, 145, 210 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 168, 145, 210 Background



This preview shows how black text looks on a background with the RGB color 168, 145, 210.

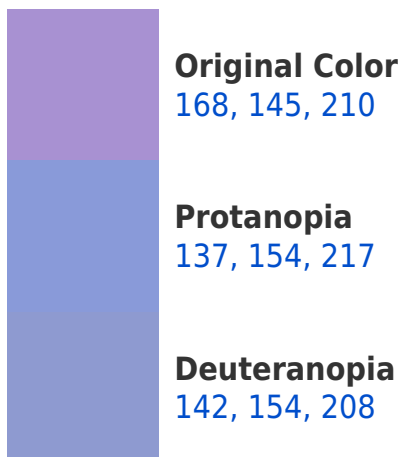


This preview shows how white text looks on a background with the RGB color 168, 145, 210.

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





Tritanopia
160, 154, 166

Trichromacy



Original Color
168, 145, 210

Protanomaly
148, 151, 214

Deuteranomaly
151, 151, 209

Tritanomaly
163, 151, 182

Monochromacy



Original Color
168, 145, 210

Achromatopsia
159, 159, 159

Achromatomaly
162, 154, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 145, 210 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(168, 145, 210)` looks like.

```
.text, #text, p{  
    color:rgb(168, 145, 210)  
}
```

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(168, 145, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 145, 210) }
```

Border

The CSS property to change the border of an element to RGB 168, 145, 210 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(168, 145, 210) }
```

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

```
.border{ border-color:rgb(168, 145, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 145, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 145, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 145, 210);  
box-shadow:4px 4px 4px 4px rgb(168, 145,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 168, 145, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 145, 210) }
```

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

```
.background{ background-color: rgb(168,  
145, 210) }
```

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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