

Converting Colors

RGB(176, 168, 250)

Have a look what the booklet for
RGB(176, 168, 250) contains.

RGB(176, 168, 250)	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(176, 168, 250)

Conversions

Conversions Part 1

Format	Color
Hex	B0A8FA
RGB	176, 168, 250
RGB Percent	69%, 66%, 98%
CMY	0.3098, 0.3412, 0.0196
CMYK	0.30, 0.33, 0.00, 0.02
HSL	246°, 89%, 82%
HSV	246°, 33%, 98%
XYZ	49.1624, 44.1375, 96.3707
YIQ	179.7400, -21.5540, 27.1980

Conversions

Conversions Part 2

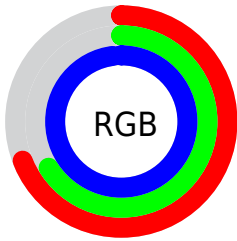
Format	Color
R _Y B	176, 168, 250
Decimal	11577594
CIE Lab	72.32, 20.67, -39.75
CIE LCh	72, 44.802, 297.475
Yxy	44.1375, 0.2592, 0.2327
Android (android.graphics.Color)	4289767674 (0xFFB0A8FA)
YUV	179.7400, 34.6382, -3.2800
Hunter-Lab	66.4361, 15.8263, -39.4996

Details

The RGB color **176, 168, 250** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **242, 250, 168**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **233, 223, 255**, and **121, 116, 193** is the 20% darker color. If you saturate the color by 10%, you get **153, 143, 250**, and if you desaturate by 10%, it is **199, 193, 250**.

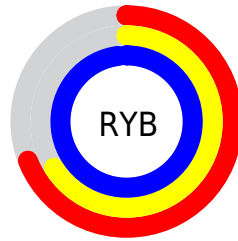
Distribution



Red (69%)

Green (66%)

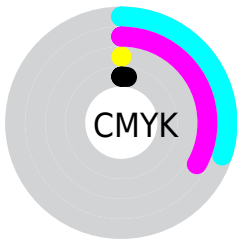
Blue (98%)



Red (69%)

Yellow (66%)

Blue (98%)

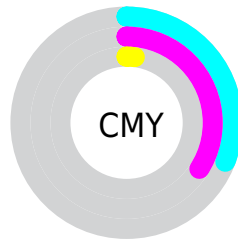


Cyan (30%)

Magenta (33%)

Yellow (0%)

Black (2%)



Cyan (31%)

Magenta (34%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 176, 168, 250 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 176, 168, 250 by changing the saturation by 10% instead.

■ 176, 168, 250

255, 255, 255

■ 233, 223, 255

■ 255, 252, 255

■ 176, 168, 250

■ 148, 142, 221

■ 121, 116, 193

■ 95, 91, 166

■ 68, 68, 139

■ 41, 46, 113

■ 7, 25, 88


■ 0, 0, 65

■ 0, 3, 42


■ 0, 1, 20

 176, 168, 250

 176, 168, 250

 153, 143, 250

 199, 193, 250

 131, 118, 250

 221, 218, 250


 108, 93, 250

 244, 243, 250

 86, 68, 250

 255, 255, 250

 63, 43, 250

 41, 18, 250

 24, 0, 250

Harmonies

Analogous

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



105, 183, 255



176, 168, 250



225, 153, 222

Triad

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



176, 168, 250



238, 159, 109



44, 198, 172

Complementary

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



176, 168, 250



242, 250, 168

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.



115, 195, 132



176, 168, 250



206, 174, 94

Square

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



176, 168, 250



255, 147, 142



165, 186, 103



0, 198, 214

Rectangle

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



176, 168, 250



245, 146, 196



165, 186, 103



74, 198, 158

Sweetspot

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



176, 168, 250



232, 230, 255



168, 243, 250



114, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



176, 168, 250



165, 156, 255



216, 168, 250



114, 112, 125



18, 0, 189



6, 0, 61

Inverse Universe

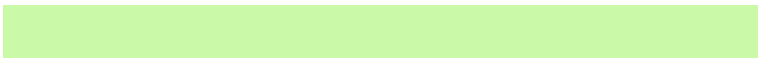
The Inverse Universe completely reimagines the original color for something new.



250, 168, 242



255, 156, 245



202, 250, 168



125, 112, 124



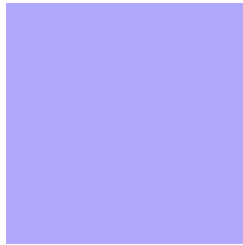
189, 0, 170



61, 0, 55

Previews

White Background



This preview shows how the RGB color 176, 168, 250 looks on a white background.

Color Contrast Check

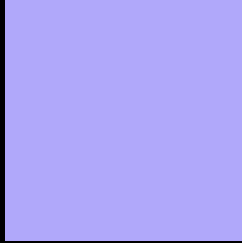
Large Text (above 18pt) WCAG AA × Fail

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 176, 168, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

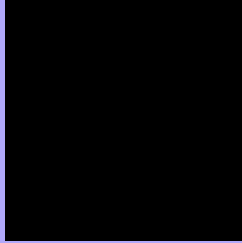
Any Text WCAG AA ✓ Pass

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 176, 168, 250 Background



This preview shows how black text looks on a background with the RGB color 176, 168, 250.

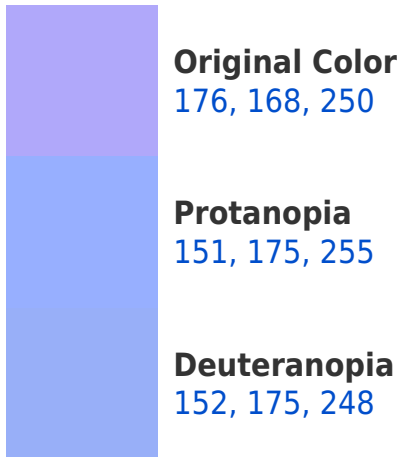


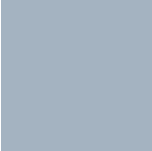
This preview shows how white text looks on a background with the RGB color 176, 168, 250.

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](#).

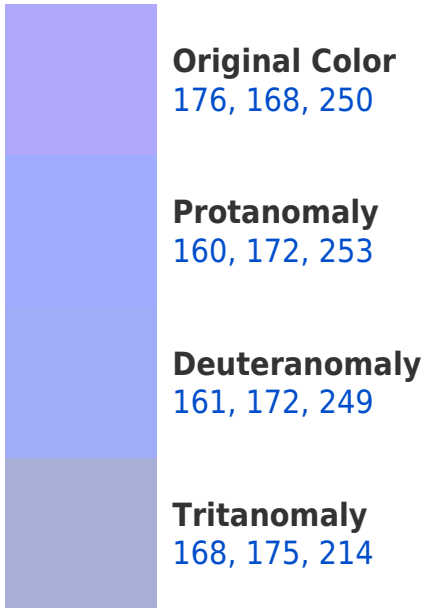
Dichromacy



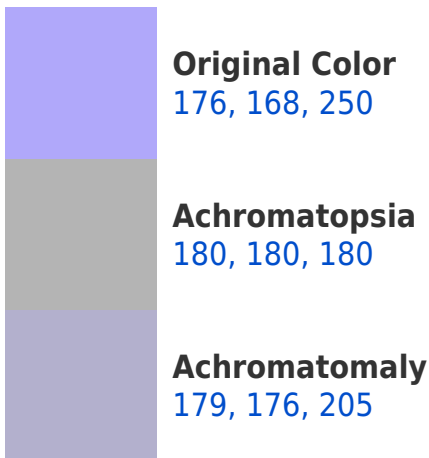


Tritanopia
164, 179, 193

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 168, 250 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(176, 168, 250)` looks like.

```
.text, #text, p{  
    color:rgb(176, 168, 250)  
}
```

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(176, 168, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 168, 250) }
```

Border

The CSS property to change the border of an element to RGB 176, 168, 250 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(176, 168, 250) }
```

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

```
.border{ border-color:rgb(176, 168, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 168, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 168, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 168, 250); box-shadow:4px 4px 4px 4px rgb(176, 168, 250) }
```

Background

The CSS property to change the background color of an element to RGB 176, 168, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 168, 250) }
```

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

```
.background{ background-color: rgb(176,  
168, 250) }
```

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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