

Converting Colors

RGB(158, 156, 251)

Have a look what the booklet for
RGB(158, 156, 251) contains.

RGB(158, 156, 251)	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(158, 156, 251)

Conversions

Conversions Part 1

Format	Color
Hex	9E9CFB
RGB	158, 156, 251
RGB Percent	62%, 61%, 98%
CMY	0.3804, 0.3882, 0.0157
CMYK	0.37, 0.38, 0.00, 0.02
HSL	241°, 92%, 80%
HSV	241°, 38%, 98%
XYZ	43.4016, 38.0111, 96.3161
YIQ	167.4280, -29.3030, 29.9690

Conversions

Conversions Part 2

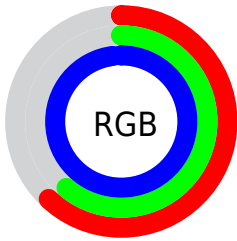
Format	Color
R _Y B	158, 156, 251
Decimal	10394875
CIE Lab	68.03, 22.84, -47.11
CIE LCh	68, 52.354, 295.860
Yxy	38.0111, 0.2442, 0.2139
Android (android.graphics.Color)	4288584955 (0xFF9E9CFB)
YUV	167.4280, 41.2010, -8.2684
Hunter-Lab	61.6531, 17.7647, -49.4672

Details

The RGB color **158, 156, 251** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **249, 251, 156**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **215, 210, 255**, and **102, 105, 194** is the 20% darker color. If you saturate the color by 10%, you get **133, 131, 251**, and if you desaturate by 10%, it is **183, 181, 251**.

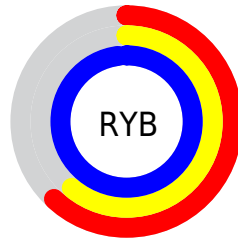
Distribution



Red (62%)

Green (61%)

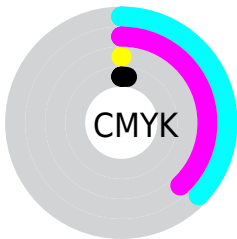
Blue (98%)



Red (62%)

Yellow (61%)

Blue (98%)

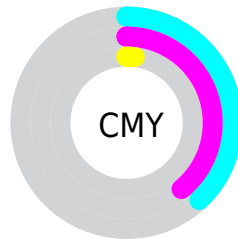


Cyan (37%)

Magenta (38%)

Yellow (0%)

Black (2%)



Cyan (38%)

Magenta (39%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 156, 251 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 158, 156, 251 by changing the saturation by 10% instead.

■ 158, 156, 251

255, 255, 255

■ 215, 210, 255

■ 245, 239, 255

■ 158, 156, 251

■ 130, 130, 222

■ 102, 105, 194

■ 75, 81, 166

■ 45, 58, 140

■ 3, 37, 114

■ 0, 17, 89

■ 0, 0, 65

■ 0, 3, 42

■ 0, 1, 20

■ 158, 156, 251

■ 158, 156, 251

■ 133, 131, 251

■ 183, 181, 251

■ 109, 106, 251

■ 207, 206, 251

■ 84, 81, 251

■ 232, 231, 251

■ 60, 56, 251

■ 255, 255, 251

■ 35, 31, 251

■ 11, 5, 251

■ 5, 0, 251

Harmonies

Analogous

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



49, 173, 255



158, 156, 251



218, 137, 219

Triad

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



158, 156, 251



234, 143, 88



0, 189, 157

Complementary

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



158, 156, 251



249, 251, 156

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.



93, 185, 111



158, 156, 251



199, 161, 68

Square

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



158, 156, 251



253, 129, 127



152, 175, 77



0, 189, 206

Rectangle

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



158, 156, 251



242, 128, 190



152, 175, 77



12, 188, 141

Sweetspot

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



158, 156, 251



228, 227, 255



156, 249, 251



111, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



158, 156, 251



143, 140, 255



205, 156, 251



113, 112, 125



4, 0, 189



1, 0, 61

Inverse Universe

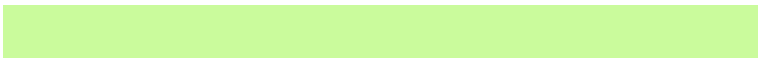
The Inverse Universe completely reimagines the original color for something new.



251, 156, 249



255, 140, 253



202, 251, 156



125, 112, 125



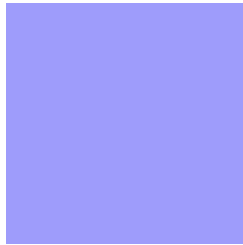
189, 0, 185



61, 0, 60

Previews

White Background



This preview shows how the RGB color 158, 156, 251 looks on a white background.

Color Contrast Check

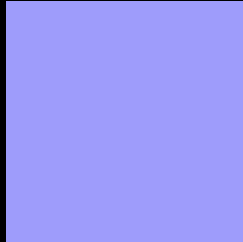
Large Text (above 18pt) WCAG AA × Fail

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 158, 156, 251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

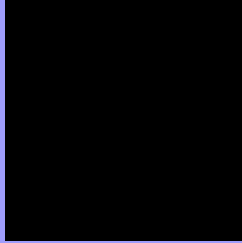
Any Text WCAG AA ✓ Pass

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 158, 156, 251 Background



This preview shows how black text looks on a background with the RGB color 158, 156, 251.



This preview shows how white text looks on a background with the RGB color 158, 156, 251.

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
158, 156, 251

Protanopia
132, 163, 255

Deuteranopia
127, 165, 249



Tritanopia

142, 170, 184

Trichromacy



Original Color
158, 156, 251

Protanomaly
141, 160, 254

Deuteranomaly
138, 162, 250

Tritanomaly
148, 165, 208

Monochromacy



Original Color
158, 156, 251

Achromatopsia
167, 167, 167

Achromatomaly
164, 163, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 156, 251 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(158, 156, 251)` looks like.

```
.text, #text, p{  
    color:rgb(158, 156, 251)  
}
```

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(158, 156, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 156, 251) }
```

Border

The CSS property to change the border of an element to RGB 158, 156, 251 is called "border". The border property can be set on classes, ids or directly on the HTML element.

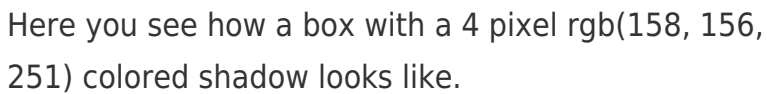
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 156, 251) }
```

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

```
.border{ border-color:rgb(158, 156, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 156, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 156, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 156, 251); box-shadow:4px 4px 4px 4px rgb(158, 156, 251) }
```

Background

The CSS property to change the background color of an element to RGB 158, 156, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 156, 251) }
```

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

```
.background{ background-color: rgb(158,  
156, 251) }
```

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