

Converting Colors

RGB(160, 156, 248)

Have a look what the booklet for
RGB(160, 156, 248) contains.

RGB(160, 156, 248)	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(160, 156, 248)

Conversions

Conversions Part 1

Format	Color
Hex	A09CF8
RGB	160, 156, 248
RGB Percent	63%, 61%, 97%
CMY	0.3725, 0.3882, 0.0275
CMYK	0.35, 0.37, 0.00, 0.03
HSL	243°, 87%, 79%
HSV	243°, 37%, 97%
XYZ	43.3289, 38.0278, 93.8634
YIQ	167.6840, -27.1480, 29.4600

Conversions

Conversions Part 2

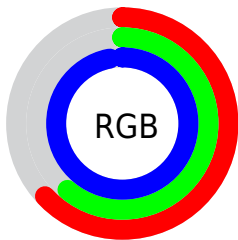
Format	Color
RYB	160, 156, 248
Decimal	10525944
CIELab	68.04, 22.57, -45.45
CIElCh	68, 50.741, 296.407
Yxy	38.0278, 0.2473, 0.2170
Android (android.graphics.Color)	4288716024 (0xFFA09CF8)
YUV	167.6840, 39.5958, -6.7389
Hunter-Lab	61.6667, 17.5029, -47.0791

Details

The RGB color **160, 156, 248** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **244, 248, 156**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **217, 210, 255**, and **105, 105, 191** is the 20% darker color. If you saturate the color by 10%, you get **136, 131, 248**, and if you desaturate by 10%, it is **184, 181, 248**.

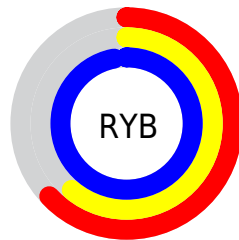
Distribution



Red (63%)

Green (61%)

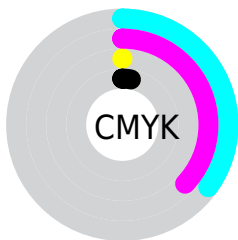
Blue (97%)



Red (63%)

Yellow (61%)

Blue (97%)

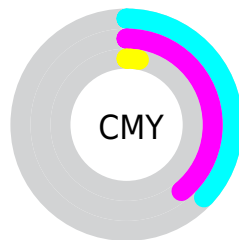


Cyan (35%)

Magenta (37%)

Yellow (0%)

Black (3%)



Cyan (37%)


Magenta (39%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the RGB color 160, 156, 248 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 160, 156, 248 by changing the saturation by 10% instead.

 160, 156, 248

 160, 156, 248

255, 255, 255

 132, 130, 219

 217, 210, 255


 105, 105, 191

 246, 239, 255

 77, 81, 164

 49, 58, 137

 13, 36, 111

 0, 17, 86

 0, 0, 62

 0, 3, 39

 0, 1, 17

■ 160, 156, 248

■ 160, 156, 248

■ 136, 131, 248

■ 184, 181, 248

■ 113, 106, 248

■ 207, 206, 248

■ 89, 82, 248

■ 231, 230, 248

■ 65, 57, 248

■ 255, 255, 248

■ 41, 32, 248

■ 255, 255, 248

■ 18, 7, 248

■ 11, 0, 248

Harmonies

Analogous

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



62, 172, 255



160, 156, 248



217, 138, 217

Triad

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



160, 156, 248



232, 145, 90



0, 189, 159

Complementary

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



160, 156, 248



244, 248, 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.



95, 184, 113



160, 156, 248



197, 161, 71

Square

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



160, 156, 248



251, 130, 128



152, 175, 80



0, 188, 205

Rectangle

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



160, 156, 248



240, 130, 189



152, 175, 80



27, 188, 143

Sweetspot

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



160, 156, 248



228, 227, 255



156, 245, 248



112, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



160, 156, 248



145, 140, 255



205, 156, 248



113, 112, 125



8, 0, 189



3, 0, 61

Inverse Universe

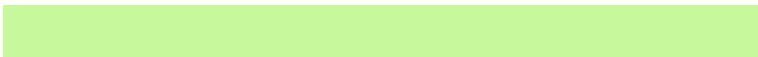
The Inverse Universe completely reimagines the original color for something new.



248, 156, 244



255, 140, 250



199, 248, 156



125, 112, 124



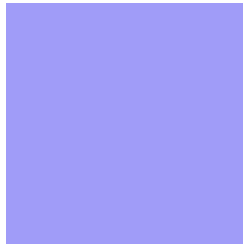
189, 0, 180



61, 0, 59

Previews

White Background



This preview shows how the RGB color 160, 156, 248 looks on a white background.

Color Contrast Check

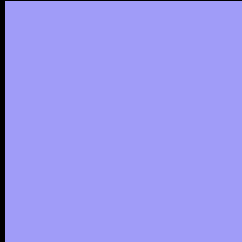
Large Text (above 18pt) WCAG AA × Fail

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 160, 156, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

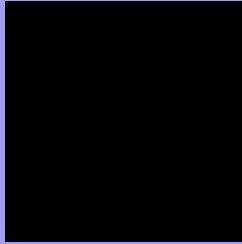
Any Text WCAG AA ✓ Pass

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 160, 156, 248 Background



This preview shows how black text looks on a background with the RGB color 160, 156, 248.

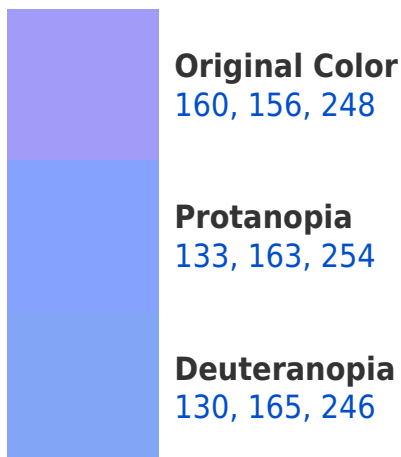


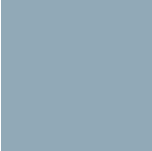
This preview shows how white text looks on a background with the RGB color 160, 156, 248.

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
145, 169, 183

Trichromacy



Original Color
160, 156, 248

Protanomaly
143, 160, 252

Deuteranomaly
141, 162, 247

Tritanomaly
150, 164, 207

Monochromacy



Original Color
160, 156, 248

Achromatopsia
168, 168, 168

Achromatomaly
165, 164, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 160, 156, 248 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(160, 156, 248)` looks like.

```
.text, #text, p{  
    color:rgb(160, 156, 248)  
}
```

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(160, 156, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 156, 248) }
```

Border

The CSS property to change the border of an element to RGB 160, 156, 248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

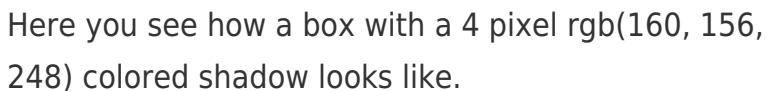
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 156, 248) }
```

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

```
.border{ border-color:rgb(160, 156, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(160, 156, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 156, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 156, 248); box-shadow:4px 4px 4px 4px rgb(160, 156, 248) }
```

Background

The CSS property to change the background color of an element to RGB 160, 156, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 156, 248) }
```

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

```
.background{ background-color: rgb(160,  
156, 248) }
```

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