

Converting Colors

RGB(163, 158, 183)

Have a look what the booklet for
RGB(163, 158, 183) contains.

RGB(163, 158, 183)	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(163, 158, 183)

Conversions

Conversions Part 1

Format	Color
Hex	A39EB7
RGB	163, 158, 183
RGB Percent	64%, 62%, 72%
CMY	0.3608, 0.3804, 0.2824
CMYK	0.11, 0.14, 0.00, 0.28
HSL	252°, 15%, 67%
HSV	252°, 14%, 72%
XYZ	35.8784, 35.6591, 49.7917
YIQ	162.3450, -5.0450, 8.8350

Conversions

Conversions Part 2

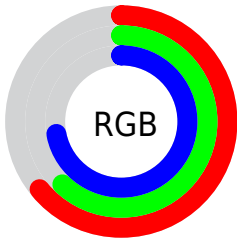
Format	Color
RYB	163, 158, 183
Decimal	10722999
CIELab	66.26, 6.79, -12.26
CIELCh	66, 14.016, 298.987
Yxy	35.6591, 0.2957, 0.2939
Android (android.graphics.Color)	4288913079 (0xFFA39EB7)
YUV	162.3450, 10.1829, 0.5744
Hunter-Lab	59.7153, 2.7453, -7.6364




Details

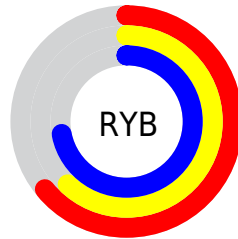
The RGB color **163, 158, 183** is a light color, and the websafe version is hex **999999**. A complement of this color would be **178, 183, 158**, and the grayscale version is **162, 162, 162**.




A 20% lighter version of the original color is **218, 213, 239**, and **111, 107, 130** is the 20% darker color. If you saturate the color by 10%, you get **148, 140, 183**, and if you desaturate by 10%, it is **178, 176, 183**.

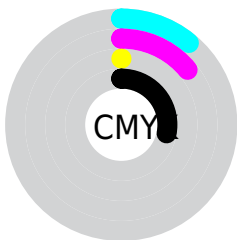
Distribution







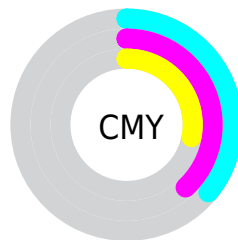
-  Red (64%)
-  Green (62%)
-  Blue (72%)






-  Red (64%)
-  Yellow (62%)
-  Blue (72%)



-  Cyan (11%)
-  Magenta (14%)
-  Yellow (0%)
-  Black (28%)



-  Cyan (36%)
-  Magenta (38%)
-  Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 163, 158, 183 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 163, 158, 183 by changing the saturation by 10% instead.

■ 163, 158, 183

255, 255, 255

■ 218, 213, 239

■ 247, 241, 255

■ 163, 158, 183

■ 137, 132, 156

■ 111, 107, 130

■ 87, 83, 105

■ 63, 60, 81

■ 41, 38, 58

■ 21, 17, 36

■ 0, 1, 14


■ 0, 0, 0


■ 163, 158, 183

■ 163, 158, 183

 148, 140, 183

 178, 176, 183

 134, 121, 183

 192, 195, 183

 119, 103, 183

 207, 213, 183


 104, 85, 183


 222, 231, 183

 90, 67, 183

 236, 250, 183

 75, 48, 183

 251, 255, 183

 61, 30, 183

 255, 255, 183

 46, 12, 183

 37, 0, 183

Harmonies

Analogous

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



147, 162, 186



163, 158, 183



177, 154, 174

Triad

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



163, 158, 183



182, 156, 140



132, 168, 160

Complementary

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



163, 158, 183



178, 183, 158

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.



144, 167, 148



163, 158, 183



172, 160, 136

Square

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



163, 158, 183



188, 153, 149



158, 164, 139



128, 168, 173

Rectangle

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



163, 158, 183



184, 153, 166



158, 164, 139



136, 168, 156

Sweetspot

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



163, 158, 183



230, 228, 237



158, 178, 183



115, 114, 120



247, 247, 247



120, 120, 120

Same Dimension

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



163, 158, 183



207, 199, 237



175, 158, 183



84, 83, 92



31, 0, 156



6, 0, 28

Inverse Universe

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



183, 158, 178



237, 199, 230



166, 183, 158



92, 83, 90



156, 0, 124



28, 0, 22

Previews

White Background



This preview shows how the RGB color 163, 158, 183 looks on a white background.

Color Contrast Check

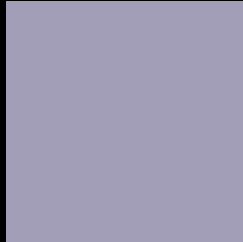
Large Text (above 18pt) WCAG AA × Fail

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 163, 158, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

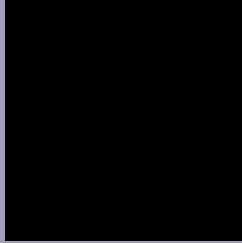
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

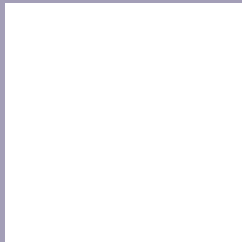
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 163, 158, 183 Background



This preview shows how black text looks on a background with the RGB color 163, 158, 183.



This preview shows how white text looks on a background with the RGB color 163, 158, 183.

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
[163](#), [158](#), [183](#)

Protanopia
[157](#), [160](#), [184](#)

Deuteranopia
[166](#), [157](#), [183](#)



Tritanopia

161, 160, 172

Trichromacy



Original Color
163, 158, 183

Protanomaly
159, 159, 184

Deuteranomaly
165, 157, 183

Tritanomaly
162, 159, 176

Monochromacy



Original Color
163, 158, 183

Achromatopsia
162, 162, 162

Achromatomaly
162, 161, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 163, 158, 183 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(163, 158, 183)` looks like.

```
.text, #text, p{  
    color:rgb(163, 158, 183)  
}
```

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(163, 158, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 158, 183) }
```

Border

The CSS property to change the border of an element to RGB 163, 158, 183 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(163, 158, 183) }
```

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

```
.border{ border-color:rgb(163, 158, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 158, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 158, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 158, 183); box-shadow:4px 4px 4px 4px rgb(163, 158, 183) }
```

Background

The CSS property to change the background color of an element to RGB 163, 158, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 158, 183) }
```

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

```
.background{ background-color: rgb(163,  
158, 183) }
```

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