

Converting Colors

RGB(163, 163, 165)

Have a look what the booklet for
RGB(163, 163, 165) contains.

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Color

RGB(163, 163, 165)

Conversions

Conversions Part 1

Format	Color
Hex	A3A3A5
RGB	163, 163, 165
RGB Percent	64%, 64%, 65%
CMY	0.3608, 0.3608, 0.3529
CMYK	0.01, 0.01, 0.00, 0.35
HSL	240°, 1%, 64%
HSV	240°, 1%, 65%
XYZ	34.9930, 36.6975, 40.8363
YIQ	163.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

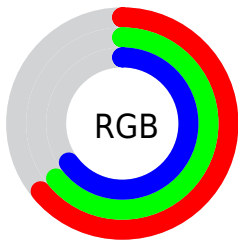
Format	Color
RYB	163, 163, 165
Decimal	10724261
CIELab	67.05, 0.39, -1.04
CIELCh	67, 1.112, 290.342
Yxy	36.6975, 0.3110, 0.3261
Android (android.graphics.Color)	4288914341 (0xFFA3A3A5)
YUV	163.2280, 0.8736, -0.2000
Hunter-Lab	60.5785, -2.9024, 2.4372

Details

The RGB color **163, 163, 165** is a light color, and the websafe version is hex **999999**. A complement of this color would be **165, 165, 163**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **218, 218, 220**, and **111, 111, 113** is the 20% darker color. If you saturate the color by 10%, you get **146, 146, 165**, and if you desaturate by 10%, it is **179, 179, 165**.

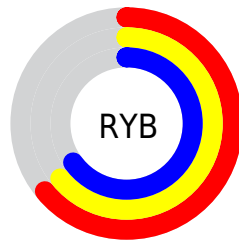
Distribution



Red (64%)

Green (64%)

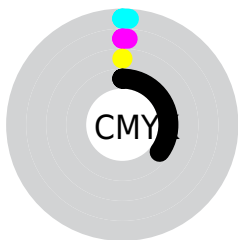
Blue (65%)



Red (64%)

Yellow (64%)

Blue (65%)

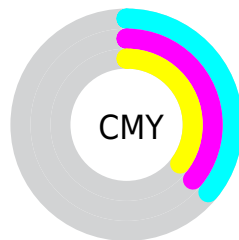


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (35%)



Cyan (36%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 163, 163, 165 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, 163, 165 by changing the saturation by 10% instead.


 163, 163, 165


255, 255, 255

 218, 218, 220

 246, 246, 248

 163, 163, 165


 137, 137, 139

 111, 111, 113

 87, 87, 89

 64, 64, 65

 42, 42, 43


 21, 21, 23

 0, 0, 0

 163, 163, 165

 146, 146, 165

 163, 163, 165

 179, 179, 165

■ 130, 130, 165

■ 196, 196, 165

■ 113, 113, 165

■ 212, 212, 165

■ 97, 97, 165

■ 229, 229, 165

■ 80, 80, 165

■ 245, 245, 165

■ 64, 64, 165

■ 255, 255, 165

■ 47, 47, 165

■ 31, 31, 165

■ 14, 14, 165

Harmonies

Analogous

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



162, 163, 165



163, 163, 165



164, 163, 164

Triad

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



163, 163, 165



165, 163, 162



161, 164, 163

Complementary

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



163, 163, 165



165, 165, 163

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.



162, 164, 162



163, 163, 165



164, 163, 161

Square

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



163, 163, 165



165, 163, 162



163, 163, 161



161, 164, 164

Rectangle

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



163, 163, 165



165, 163, 164



163, 163, 161



161, 164, 162

Sweetspot

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



163, 163, 165



214, 214, 214



163, 165, 165



107, 107, 107



235, 235, 235

Same Dimension

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



163, 163, 165



212, 212, 214



164, 163, 165



81, 81, 82



0, 0, 145



0, 0, 18

Inverse Universe

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



165, 163, 165



214, 212, 214



164, 165, 163



82, 81, 82



145, 0, 145



18, 0, 18

Previews

White Background



This preview shows how the RGB color 163, 163, 165 looks on a white background.

Color Contrast Check

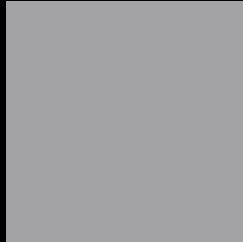
Large Text (above 18pt) WCAG AA × Fail

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, 163, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

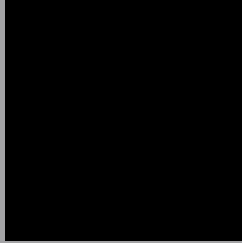
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

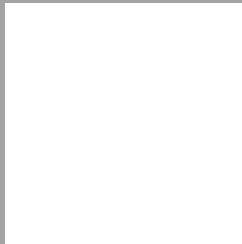
Any Text WCAG AAA ✓ Pass

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

RGB 163, 163, 165 Background



This preview shows how black text looks on a background with the RGB color 163, 163, 165.



This preview shows how white text looks on a background with the RGB color 163, 163, 165.

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, 163, 165

Protanopia

165, 162, 165

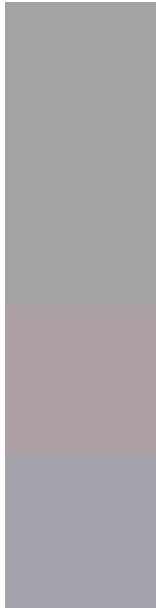
Deuteranopia

177, 158, 166



Tritanopia
164, 162, 174

Trichromacy



Original Color

163, 163, 165

Protanomaly

164, 162, 165

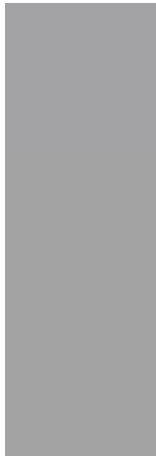
Deuteranomaly

172, 160, 166

Tritanomaly

164, 162, 171

Monochromacy



Original Color

163, 163, 165

Achromatopsia

163, 163, 163

Achromatomaly

163, 163, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 163, 163, 165 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, 163, 165)` looks like.

```
.text, #text, p{  
    color:rgb(163, 163, 165)  
}
```

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, 163, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 163, 165) }
```

Border

The CSS property to change the border of an element to RGB 163, 163, 165 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, 163, 165) }
```

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

```
.border{ border-color:rgb(163, 163, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 163, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 163, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 163, 165);  
box-shadow:4px 4px 4px 4px rgb(163, 163,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 163, 163, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 163, 165) }
```

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

```
.background{ background-color: rgb(163,  
163, 165) }
```

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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