

Converting Colors

RGB(166, 163, 169)

Have a look what the booklet for
RGB(166, 163, 169) contains.

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Color

RGB(166, 163, 169)

Conversions

Conversions Part 1

Format	Color
Hex	A6A3A9
RGB	166, 163, 169
RGB Percent	65%, 64%, 66%
CMY	0.3490, 0.3608, 0.3373
CMYK	0.02, 0.04, 0.00, 0.34
HSL	270°, 3%, 65%
HSV	270°, 4%, 66%
XYZ	35.9845, 37.1659, 42.8133
YIQ	164.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

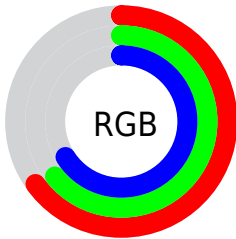
Format	Color
RYB	166, 163, 169
Decimal	10920873
CIELab	67.40, 2.22, -2.73
CIELCh	67, 3.518, 309.191
Yxy	37.1659, 0.3103, 0.3205
Android (android.graphics.Color)	4289110953 (0xFFA6A3A9)
YUV	164.5810, 2.1786, 1.2445
Hunter-Lab	60.9639, -1.3255, 1.0370

Details

The RGB color **166, 163, 169** is a light color, and the websafe version is hex **999999**. A complement of this color would be **166, 169, 163**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **221, 218, 224**, and **114, 111, 117** is the 20% darker color. If you saturate the color by 10%, you get **158, 146, 169**, and if you desaturate by 10%, it is **174, 180, 169**.

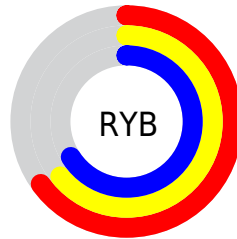
Distribution



Red (65%)

Green (64%)

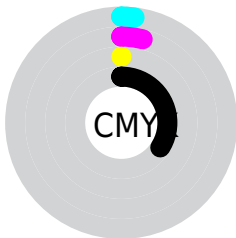
Blue (66%)



Red (65%)

Yellow (64%)

Blue (66%)

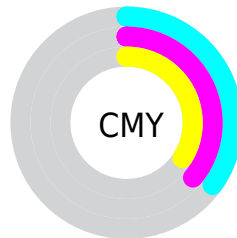


Cyan (2%)

Magenta (4%)

Yellow (0%)

Black (34%)



Cyan (35%)

Magenta (36%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 166, 163, 169 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 166, 163, 169 by changing the saturation by 10% instead.


 166, 163, 169


255, 255, 255

 221, 218, 224

 250, 246, 253

 166, 163, 169

 140, 137, 143

 114, 111, 117

 90, 87, 92

 66, 64, 69


 44, 42, 47


 24, 21, 26

 0, 0, 0

 166, 163, 169

 158, 146, 169

 166, 163, 169

 174, 180, 169

■ 149, 129, 169

■ 183, 197, 169

■ 141, 112, 169

■ 191, 214, 169

■ 132, 95, 169

■ 200, 231, 169

■ 124, 78, 169

■ 208, 247, 169

■ 115, 62, 169

■ 217, 255, 169

■ 107, 45, 169

■ 225, 255, 169

■ 98, 28, 169

■ 234, 255, 169

■ 90, 11, 169

■ 242, 255, 169

Harmonies

Analogous

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



162, 164, 170



166, 163, 169



169, 162, 166

Triad

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



166, 163, 169



169, 163, 158



157, 166, 165

Complementary

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



166, 163, 169



166, 169, 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.



159, 166, 162



166, 163, 169



166, 164, 158

Square

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



166, 163, 169



171, 162, 160



162, 165, 159



157, 166, 168

Rectangle

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



166, 163, 169



171, 162, 164



162, 165, 159



157, 166, 164

Sweetspot

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



166, 163, 169



218, 217, 219



163, 166, 169



109, 109, 110



237, 237, 237



110, 110, 110

Same Dimension

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



166, 163, 169



215, 211, 219



169, 163, 169



82, 80, 84



74, 0, 148



10, 0, 20

Inverse Universe

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



169, 163, 166



219, 211, 215



163, 169, 163



84, 80, 82



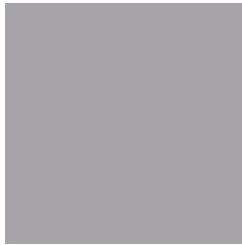
148, 0, 74



20, 0, 10

Previews

White Background



This preview shows how the RGB color 166, 163, 169 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 166, 163, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

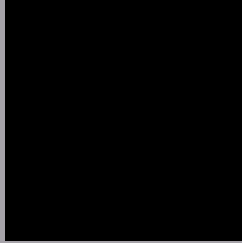
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

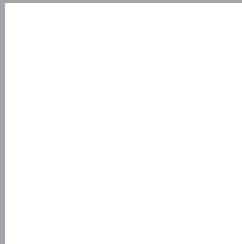
Any Text WCAG AAA ✓ Pass

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

RGB 166, 163, 169 Background



This preview shows how black text looks on a background with the RGB color 166, 163, 169.



This preview shows how white text looks on a background with the RGB color 166, 163, 169.

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
166, 163, 169

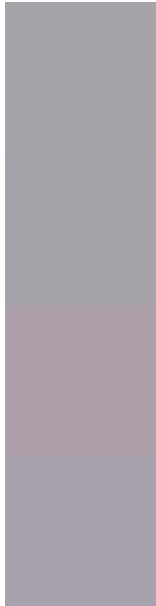
Protanopia
165, 163, 169

Deuteranopia
177, 159, 170



Tritanopia
167, 162, 175

Trichromacy



Original Color

166, 163, 169

Protanomaly

165, 163, 169

Deuteranomaly

173, 160, 170

Tritanomaly

167, 162, 173

Monochromacy



Original Color

166, 163, 169

Achromatopsia

165, 165, 165

Achromatomaly

165, 164, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 163, 169 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(166, 163, 169)` looks like.

```
.text, #text, p{  
    color:rgb(166, 163, 169)  
}
```

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(166, 163, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 163, 169) }
```

Border

The CSS property to change the border of an element to RGB 166, 163, 169 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(166, 163, 169) }
```

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

```
.border{ border-color:rgb(166, 163, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 163, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 163, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 163, 169);  
box-shadow:4px 4px 4px 4px rgb(166, 163,  
169) }
```

Background

The CSS property to change the background color of an element to RGB 166, 163, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 163, 169) }
```

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

```
.background{ background-color: rgb(166,  
163, 169) }
```

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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