

Converting Colors

RGB(166, 174, 169)

Have a look what the booklet for
RGB(166, 174, 169) contains.

RGB(166, 174, 169)	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(166, 174, 169)

Conversions

Conversions Part 1

Format	Color
Hex	A6AEA9
RGB	166, 174, 169
RGB Percent	65%, 68%, 66%
CMY	0.3490, 0.3176, 0.3373
CMYK	0.05, 0.00, 0.03, 0.32
HSL	142°, 5%, 67%
HSV	142°, 5%, 68%
XYZ	38.0234, 41.2437, 43.4929
YIQ	171.0380, -3.1630, -3.2510

Conversions

Conversions Part 2

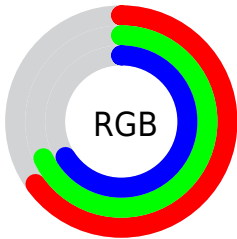
Format	Color
RYB	166, 172, 174
Decimal	10923689
CIELab	70.35, -3.76, 1.58
CIELCh	70, 4.082, 157.235
Yxy	41.2437, 0.3097, 0.3360
Android (android.graphics.Color)	4289113769 (0xFFA6AEA9)
YUV	171.0380, -1.0047, -4.4183
Hunter-Lab	64.2212, -6.7029, 4.8016

Details

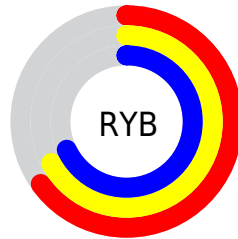
The RGB color **166, 174, 169** is a light color, and the websafe version is hex **999999**. A complement of this color would be **174, 166, 171**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **221, 229, 224**, and **114, 122, 117** is the 20% darker color. If you saturate the color by 10%, you get **149, 174, 158**, and if you desaturate by 10%, it is **183, 174, 180**.

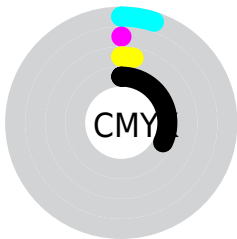
Distribution



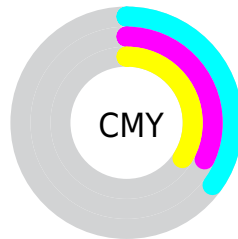
- Red (65%)
- Green (68%)
- Blue (66%)



- Red (65%)
- Yellow (67%)
- Blue (68%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (32%)



- Cyan (35%)
- Magenta (32%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 166, 174, 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, 174, 169 by changing the saturation by 10% instead.

 166, 174, 169


255, 255, 255


 221, 229, 224

 250, 255, 253

 166, 174, 169

 140, 147, 143

 114, 122, 117

 90, 97, 92

 66, 73, 69

 44, 51, 47

 24, 30, 26

 0, 2, 0

 0, 0, 0

 166, 174, 169

 166, 174, 169

■ 149, 174, 158

■ 183, 174, 180

■ 131, 174, 147

■ 201, 174, 191

■ 114, 174, 136

■ 218, 174, 202

■ 96, 174, 125

■ 236, 174, 213

■ 79, 174, 115

■ 253, 174, 223

■ 62, 174, 104

■ 255, 174, 234

■ 44, 174, 93

■ 255, 174, 245

■ 27, 174, 82

■ 255, 174, 255

■ 9, 174, 71

Harmonies

Analogous

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



170, 173, 166



166, 174, 169



164, 174, 173

Triad

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



166, 174, 169



169, 172, 179



180, 170, 168

Complementary

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



166, 174, 169



174, 166, 171

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.



180, 170, 171



166, 174, 169



174, 171, 178

Square

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



166, 174, 169



166, 173, 179



178, 170, 175



178, 171, 165

Rectangle

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



166, 174, 169



163, 174, 175



178, 170, 175



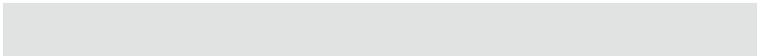
180, 170, 169

Sweetspot

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



166, 174, 169



225, 227, 226



171, 174, 166



114, 115, 114



242, 242, 242



115, 115, 115

Same Dimension

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



166, 174, 169



213, 227, 218



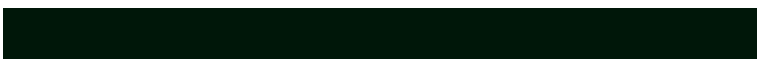
166, 174, 173



81, 87, 83



0, 150, 56



0, 23, 9

Inverse Universe

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



174, 166, 171



227, 213, 222



174, 166, 167



87, 81, 84



150, 0, 94



23, 0, 14

Previews

White Background



This preview shows how the RGB color 166, 174, 169 looks on a white background.

Color Contrast Check

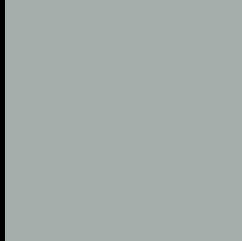
Large Text (above 18pt) WCAG AA × Fail

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, 174, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

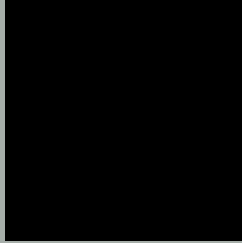
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

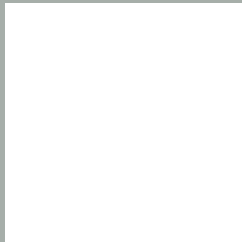
Any Text WCAG AAA ✓ Pass

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

RGB 166, 174, 169 Background



This preview shows how black text looks on a background with the RGB color 166, 174, 169.



This preview shows how white text looks on a background with the RGB color 166, 174, 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, 174, 169

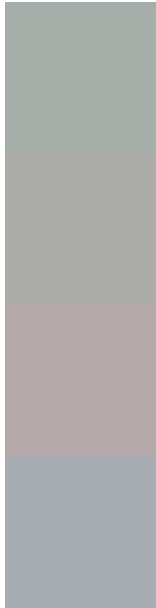
Protanopia
176, 171, 167

Deuteranopia
189, 166, 171



Tritanopia
169, 172, 185

Trichromacy



Original Color

166, 174, 169

Protanomaly

172, 172, 168

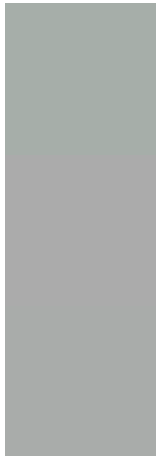
Deuteranomaly

181, 169, 170

Tritanomaly

168, 173, 179

Monochromacy



Original Color

166, 174, 169

Achromatopsia

171, 171, 171

Achromatomaly

169, 172, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 174, 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, 174, 169) looks like.

```
.text, #text, p{  
    color:rgb(166, 174, 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, 174, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 174, 169) }
```

Border

The CSS property to change the border of an element to RGB 166, 174, 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, 174, 169) }
```

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

```
.border{ border-color:rgb(166, 174, 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, 174, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 174, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 174, 169);  
box-shadow:4px 4px 4px 4px rgb(166, 174,  
169) }
```

Background

The CSS property to change the background color of an element to RGB 166, 174, 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, 174, 169) }
```

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

```
.background{ background-color: rgb(166,  
174, 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](#).

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