

# Converting Colors

RGB(164, 167, 169)

Have a look what the booklet for  
RGB(164, 167, 169) contains.

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# Color

**RGB(164, 167, 169)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4A7A9
RGB	164, 167, 169
RGB Percent	64%, 65%, 66%
CMY	0.3569, 0.3451, 0.3373
CMYK	0.03, 0.01, 0.00, 0.34
HSL	204°, 3%, 65%
HSV	204°, 3%, 66%
XYZ	36.2900, 38.3945, 43.0343
YIQ	166.3310, -2.4300, -0.0140

# Conversions

## Conversions Part 2

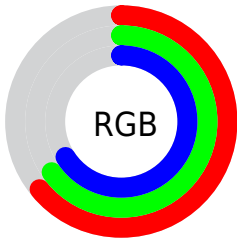
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 166, 169
Decimal	10790825
CIELab	68.31, -0.67, -1.41
CIELCh	68, 1.564, 244.447
Yxy	38.3945, 0.3083, 0.3262
Android (android.graphics.Color)	4288980905 (0xFFA4A7A9)
YUV	166.3310, 1.3158, -2.0443
Hunter-Lab	61.9633, -3.8939, 2.1967

# Details

The RGB color **164, 167, 169** is a light color, and the websafe version is hex **999999**. A complement of this color would be **169, 166, 164**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **219, 222, 224**, and **112, 115, 117** is the 20% darker color. If you saturate the color by 10%, you get **147, 160, 169**, and if you desaturate by 10%, it is **181, 174, 169**.

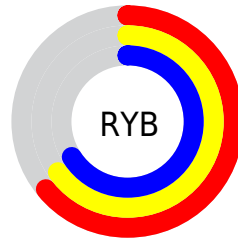
# Distribution



Red (64%)

Green (65%)

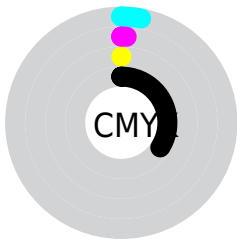
Blue (66%)



Red (64%)

Yellow (65%)

Blue (66%)

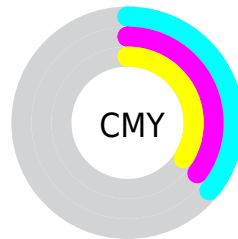


Cyan (3%)

Magenta (1%)

Yellow (0%)

Black (34%)



Cyan (36%)

Magenta (35%)


Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 164, 167, 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 164, 167, 169 by changing the saturation by 10% instead.




 164, 167, 169

255, 255, 255

 219, 222, 224

 247, 251, 253

 164, 167, 169

 138, 141, 143

 112, 115, 117


 88, 91, 92


 65, 67, 69


 43, 45, 47


 22, 24, 26

 0, 0, 0

 164, 167, 169

 147, 160, 169

 164, 167, 169

 181, 174, 169

■ 130, 153, 169

■ 198, 181, 169

■ 113, 147, 169

■ 215, 187, 169

■ 96, 140, 169

■ 232, 194, 169

■ 80, 133, 169

■ 248, 201, 169

■ 63, 126, 169

■ 255, 208, 169

■ 46, 120, 169

■ 255, 214, 169

■ 29, 113, 169

■ 255, 221, 169

■ 12, 106, 169

■ 255, 228, 169

# Harmonies

## Analogous

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



163, 167, 168



164, 167, 169



165, 167, 169

# Triad

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



164, 167, 169



170, 166, 166



166, 167, 164

# Complementary

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



164, 167, 169



169, 166, 164

# 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.



168, 166, 164



164, 167, 169



170, 166, 165

# Square

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



164, 167, 169



169, 166, 168



169, 166, 164



164, 167, 165

# Rectangle

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



164, 167, 169



167, 166, 169



169, 166, 164



166, 167, 164



# Sweetspot

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



164, 167, 169



217, 218, 219



164, 169, 166



109, 109, 110



237, 237, 237



110, 110, 110

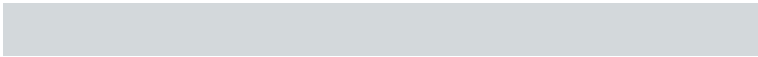


# Same Dimension

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



164, 167, 169



211, 216, 219



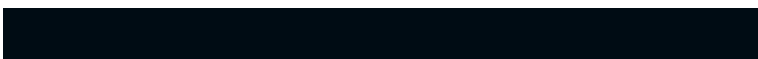
164, 164, 169



80, 82, 84



0, 89, 148



0, 12, 20



# Inverse Universe

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



169, 164, 167



219, 211, 216



169, 168, 164



84, 80, 82



148, 0, 89



20, 0, 12



# Previews

## White Background



This preview shows how the RGB color 164, 167, 169 looks on a white background.

## Color Contrast Check

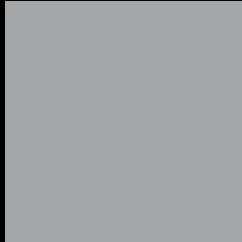
Large Text (above 18pt) WCAG AA × Fail

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 164, 167, 169 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

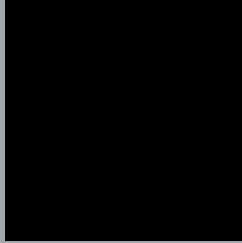
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

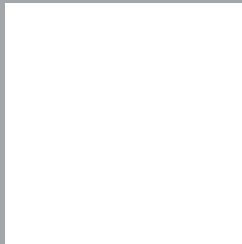
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 164, 167, 169 Background



This preview shows how black text looks on a background with the RGB color 164, 167, 169.



This preview shows how white text looks on a background with the RGB color 164, 167, 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**  
164, 167, 169

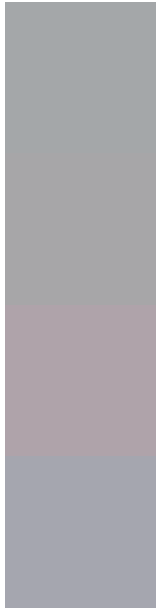
**Protanopia**  
169, 166, 168

**Deuteranopia**  
181, 161, 170



**Tritanopia**  
166, 166, 179

# Trichromacy



## Original Color

164, 167, 169

## Protanomaly

167, 166, 168

## Deuteranomaly

175, 163, 170

## Tritanomaly

165, 166, 175

# Monochromacy



## Original Color

164, 167, 169

## Achromatopsia

166, 166, 166

## Achromatomaly

165, 166, 167

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 164, 167, 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(164, 167, 169) looks like.

```
.text, #text, p{  
    color:rgb(164, 167, 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(164, 167, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 167, 169) }
```

## Border

The CSS property to change the border of an element to RGB 164, 167, 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(164, 167, 169) }
```

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

```
.border{ border-color:rgb(164, 167, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 167, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 167, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 167, 169);  
box-shadow:4px 4px 4px 4px rgb(164, 167,  
169) }
```

# Background

The CSS property to change the background color of an element to RGB 164, 167, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 167, 169) }
```

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

```
.background{ background-color: rgb(164,  
167, 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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