

# Converting Colors

RGB(166, 179, 163)

Have a look what the booklet for  
RGB(166, 179, 163) contains.

<b>RGB(166, 179, 163)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(166, 179, 163)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6B3A3
RGB	166, 179, 163
RGB Percent	65%, 70%, 64%
CMY	0.3490, 0.2980, 0.3608
CMYK	0.07, 0.00, 0.09, 0.30
HSL	109°, 10%, 67%
HSV	109°, 9%, 70%
XYZ	38.4568, 42.9915, 40.9216
YIQ	173.2890, -2.6120, -7.7320

# Conversions

## Conversions Part 2

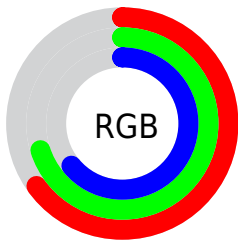
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 179, 176
Decimal	10924963
CIELab	71.55, -7.55, 6.62
CIELCh	72, 10.042, 138.792
Yxy	42.9915, 0.3143, 0.3513
Android (android.graphics.Color)	4289115043 (0xFFA6B3A3)
YUV	173.2890, -5.0725, -6.3925
Hunter-Lab	65.5679, -10.0502, 8.8940

# Details

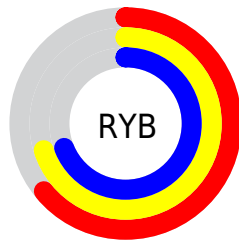
The RGB color **166, 179, 163** is a light color, and the websafe version is hex **999999**. A complement of this color would be **176, 163, 179**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **221, 235, 218**, and **114, 126, 111** is the 20% darker color. If you saturate the color by 10%, you get **151, 179, 145**, and if you desaturate by 10%, it is **181, 179, 181**.

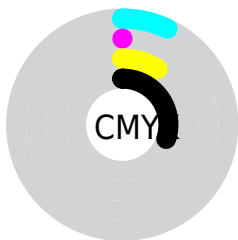
# Distribution



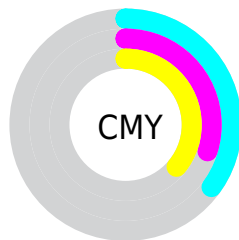
- Red (65%)
- Green (70%)
- Blue (64%)



- Red (64%)
- Yellow (70%)
- Blue (69%)



- Cyan (7%)
- Magenta (0%)
- Yellow (9%)
- Black (30%)



- Cyan (35%)
- Magenta (30%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 166, 179, 163 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, 179, 163 by changing the saturation by 10% instead.



 166, 179, 163


255, 255, 255


 221, 235, 218

 250, 255, 246

 166, 179, 163


 140, 152, 137

 114, 126, 111

 90, 101, 87

 66, 77, 64

 44, 55, 42


 23, 33, 21


 0, 11, 0


 0, 0, 0

 166, 179, 163


 166, 179, 163


 151, 179, 145


 181, 179, 181

 137, 179, 127

 195, 179, 199


 122, 179, 109

 210, 179, 217


 108, 179, 91


 224, 179, 235

 93, 179, 74


 239, 179, 253


 79, 179, 56

 253, 179, 255

 64, 179, 38

 255, 179, 255

 50, 179, 20

 35, 179, 2

# Harmonies

## Analogous

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



177, 176, 158



166, 179, 163



157, 181, 171

# Triad

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



166, 179, 163



162, 177, 193



195, 169, 170

# Complementary

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



166, 179, 163



176, 163, 179

# 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.



192, 169, 179



166, 179, 163



173, 174, 192

# Square

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



166, 179, 163



154, 179, 189



184, 171, 187



193, 171, 162

# Rectangle

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



166, 179, 163



154, 181, 178



184, 171, 187



195, 169, 173



# Sweetspot

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



166, 179, 163



226, 232, 225



179, 176, 163



113, 117, 113



245, 245, 245



117, 117, 117



# Same Dimension

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



166, 179, 163



211, 232, 207



163, 179, 168



82, 89, 80



29, 153, 0



5, 26, 0



# Inverse Universe

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



176, 163, 179



227, 207, 232



179, 163, 174



88, 80, 89



124, 0, 153

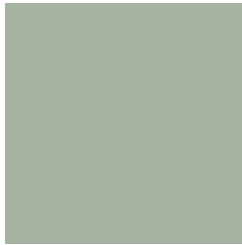


21, 0, 26



# Previews

## White Background



This preview shows how the RGB color 166, 179, 163 looks on a white background.

## Color Contrast Check

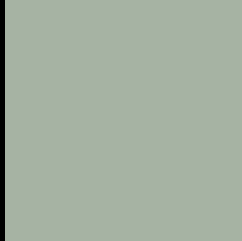
Large Text (above 18pt) WCAG AA × Fail

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, 179, 163 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

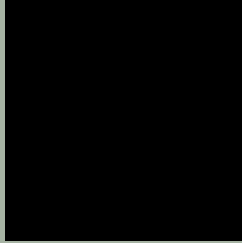
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

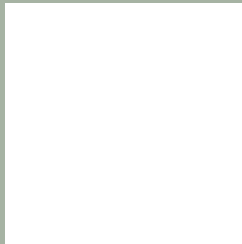
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 166, 179, 163 Background



This preview shows how black text looks on a background with the RGB color 166, 179, 163.



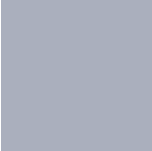
This preview shows how white text looks on a background with the RGB color 166, 179, 163.

# 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](#).

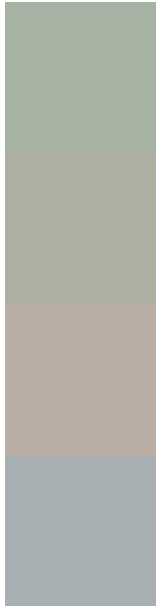
## Dichromacy





**Tritanopia**  
170, 175, 189

# Trichromacy



**Original Color**

166, 179, 163

**Protanomaly**

176, 176, 162

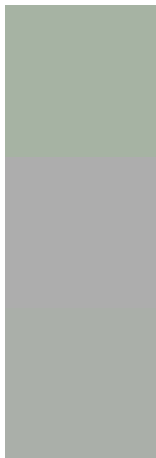
**Deuteranomaly**

185, 173, 164

**Tritanomaly**

169, 176, 180

# Monochromacy



**Original Color**

166, 179, 163

**Achromatopsia**

173, 173, 173

**Achromatomaly**

170, 175, 169

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 166, 179, 163 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, 179, 163)` looks like.

```
.text, #text, p{  
    color:rgb(166, 179, 163)  
}
```

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, 179, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 179, 163) }
```

## Border

The CSS property to change the border of an element to RGB 166, 179, 163 is called "border". The border property can be set on classes, ids or directly on the HTML element.

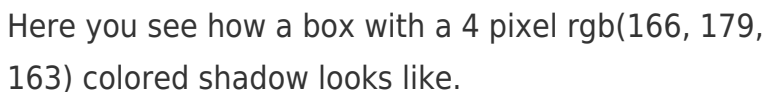
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 179, 163) }
```

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

```
.border{ border-color:rgb(166, 179, 163) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 179, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 179, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 179, 163); box-shadow:4px 4px 4px 4px rgb(166, 179, 163) }
```

# Background

The CSS property to change the background color of an element to RGB 166, 179, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 179, 163) }
```

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

```
.background{ background-color: rgb(166,  
179, 163) }
```

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