

Converting Colors

RGB(150, 166, 163)

Have a look what the booklet for
RGB(150, 166, 163) contains.

RGB(150, 166, 163)	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(150, 166, 163)

Conversions

Conversions Part 1

Format	Color
Hex	96A6A3
RGB	150, 166, 163
RGB Percent	59%, 65%, 64%
CMY	0.4118, 0.3490, 0.3608
CMYK	0.10, 0.00, 0.02, 0.35
HSL	169°, 8%, 62%
HSV	169°, 10%, 65%
XYZ	32.8248, 36.4008, 39.9463
YIQ	160.8740, -8.5730, -4.3250

Conversions

Conversions Part 2

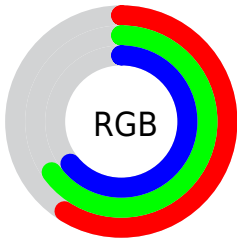
Format	Color
RYB	150, 159, 166
Decimal	9873059
CIELab	66.83, -6.21, -0.37
CIElCh	67, 6.217, 183.447
Yxy	36.4008, 0.3007, 0.3334
Android (android.graphics.Color)	4288063139 (0xFF96A6A3)
YUV	160.8740, 1.0481, -9.5365
Hunter-Lab	60.3331, -8.4684, 2.9774

Details

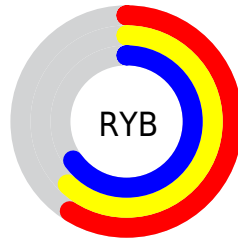
The RGB color **150, 166, 163** is a light color, and the websafe version is hex **999999**. A complement of this color would be **166, 150, 153**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **204, 221, 218**, and **99, 114, 111** is the 20% darker color. If you saturate the color by 10%, you get **133, 166, 160**, and if you desaturate by 10%, it is **167, 166, 166**.

Distribution



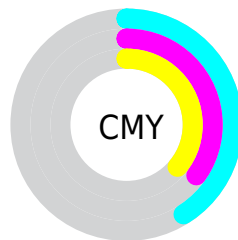
- Red (59%)
- Green (65%)
- Blue (64%)



- Red (59%)
- Yellow (62%)
- Blue (65%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (35%)



- Cyan (41%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 150, 166, 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 150, 166, 163 by changing the saturation by 10% instead.


 150, 166, 163

255, 255, 255

 204, 221, 218

 232, 250, 246


 150, 166, 163

 124, 140, 137

 99, 114, 111


 75, 90, 87

 52, 66, 64

 31, 44, 42

 8, 24, 21

 0, 0, 0

 150, 166, 163


 133, 166, 160


 150, 166, 163


 167, 166, 166

 117, 166, 157


 183, 166, 169

 100, 166, 154


 200, 166, 172


 84, 166, 151


 216, 166, 175

 67, 166, 147


 233, 166, 179

 50, 166, 144

 250, 166, 182

 34, 166, 141

 255, 166, 185

 17, 166, 138

 255, 166, 188

 1, 166, 135

 255, 166, 191

Harmonies

Analogous

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



154, 165, 157



150, 166, 163



149, 166, 168

Triad

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



150, 166, 163



165, 161, 172



172, 161, 153

Complementary

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



150, 166, 163



166, 150, 153

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.



175, 159, 157



150, 166, 163



171, 159, 168

Square

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



150, 166, 163



158, 163, 174



174, 159, 162



167, 162, 151

Rectangle

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



150, 166, 163



151, 165, 171



174, 159, 162



173, 160, 154

Sweetspot

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



150, 166, 163



210, 217, 216



153, 166, 150



105, 110, 109



237, 237, 237



110, 110, 110

Same Dimension

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



150, 166, 163



191, 217, 212



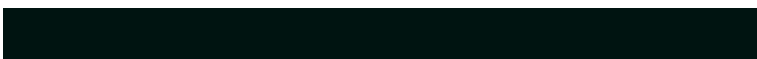
150, 161, 166



76, 84, 83



0, 148, 120



0, 20, 17

Inverse Universe

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



166, 150, 153



217, 191, 196



166, 155, 150



84, 76, 77



148, 0, 28



20, 0, 4

Previews

White Background



This preview shows how the RGB color 150, 166, 163 looks on a white background.

Color Contrast Check

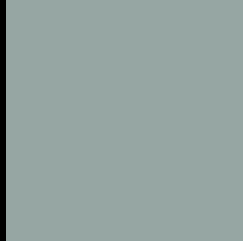
Large Text (above 18pt) WCAG AA × Fail

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 150, 166, 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 150, 166, 163 Background



This preview shows how black text looks on a background with the RGB color 150, 166, 163.



This preview shows how white text looks on a background with the RGB color 150, 166, 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](#).

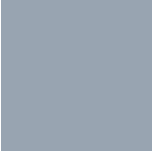
Dichromacy



Original Color
150, 166, 163

Protanopia
166, 162, 160

Deuteranopia
177, 157, 165



Tritanopia
152, 164, 177

Trichromacy



Original Color

150, 166, 163

Protanomaly

160, 163, 161

Deuteranomaly

167, 160, 164

Tritanomaly

151, 165, 172

Monochromacy



Original Color

150, 166, 163

Achromatopsia

161, 161, 161

Achromatomaly

157, 163, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 150, 166, 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(150, 166, 163) looks like.

```
.text, #text, p{  
    color:rgb(150, 166, 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(150, 166, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 166, 163) }
```

Border

The CSS property to change the border of an element to RGB 150, 166, 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(150, 166, 163) }
```

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

```
.border{ border-color:rgb(150, 166, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 166, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 166, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 166, 163);  
box-shadow:4px 4px 4px 4px rgb(150, 166,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 150, 166, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 166, 163) }
```

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

```
.background{ background-color: rgb(150,  
166, 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