

# Converting Colors

RGB(159, 160, 142)

Have a look what the booklet for  
RGB(159, 160, 142) contains.

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# **Color**

**RGB(159, 160, 142)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FA08E
RGB	159, 160, 142
RGB Percent	62%, 63%, 56%
CMY	0.3765, 0.3725, 0.4431
CMYK	0.01, 0.00, 0.11, 0.37
HSL	63°, 9%, 59%
HSV	63°, 11%, 63%
XYZ	31.7514, 34.4655, 30.5702
YIQ	157.6490, 5.1820, -5.8100

# Conversions

## Conversions Part 2

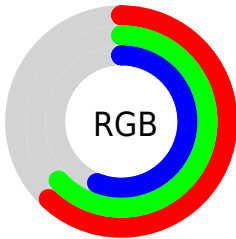
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">142, 160, 143</a>
Decimal	<a href="#">10461326</a>
CIELab	<a href="#">65.33, -3.63, 9.26</a>
CIELCh	<a href="#">65, 9.949, 111.397</a>
Yxy	<a href="#">34.4655, 0.3281, 0.3561</a>
Android (android.graphics.Color)	<a href="#">4288651406</a> ( <a href="#">0xFF9FA08E</a> )
YUV	<a href="#">157.6490, -7.7150, 1.1848</a>
Hunter-Lab	<a href="#">58.7074, -6.1977, 10.2215</a>

# Details

The RGB color **159, 160, 142** is a light color, and the websafe version is hex **999999**. A complement of this color would be **143, 142, 160**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **214, 215, 196**, and **108, 109, 92** is the 20% darker color. If you saturate the color by 10%, you get **158, 160, 126**, and if you desaturate by 10%, it is **160, 160, 158**.

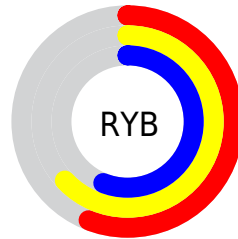
# Distribution



Red (62%)

Green (63%)

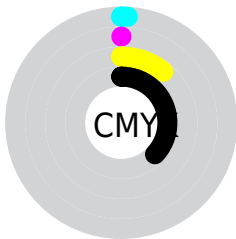
Blue (56%)



Red (56%)

Yellow (63%)

Blue (56%)

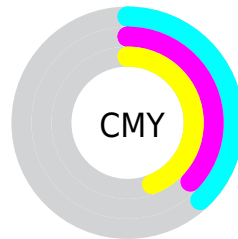


Cyan (1%)

Magenta (0%)

Yellow (11%)

Black (37%)



Cyan (38%)

Magenta (37%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 159, 160, 142 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 159, 160, 142 by changing the saturation by 10% instead.



 159, 160, 142

255, 255, 255

 214, 215, 196

 242, 243, 224

255, 255, 252


 159, 160, 142

 133, 134, 116

 108, 109, 92

 83, 84, 68

 60, 61, 46

 38, 39, 25

 18, 19, 0


 0, 0, 0


 159, 160, 142


 158, 160, 126


 159, 160, 142


 160, 160, 158

 157, 160, 110

 161, 160, 174

 156, 160, 94

 162, 160, 190

 155, 160, 78


 163, 160, 206

 155, 160, 62


 163, 160, 222

 154, 160, 46

 164, 160, 238

 153, 160, 30

 165, 160, 254

 152, 160, 14

 166, 160, 255

 151, 160, 0

 167, 160, 255

# Harmonies

## Analogous

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



169, 157, 141



159, 160, 142



149, 162, 147

# Triad

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



159, 160, 142



139, 163, 172



175, 153, 162

# Complementary

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



159, 160, 142



143, 142, 160

# 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, 154, 170



159, 160, 142



146, 160, 176

# Square

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



159, 160, 142



136, 164, 165



157, 157, 175



178, 153, 152

# Rectangle

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



159, 160, 142



143, 163, 153



157, 157, 175



173, 153, 164



# Sweetspot

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



159, 160, 142



209, 209, 203



160, 143, 142



104, 105, 100



232, 232, 232



105, 105, 105



# Same Dimension

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



159, 160, 142



207, 209, 180



150, 160, 142



79, 79, 71



135, 143, 0



14, 15, 0



# Inverse Universe

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



143, 142, 160



181, 180, 209



152, 142, 160



72, 71, 79



8, 0, 143



1, 0, 15



# Previews

## White Background



This preview shows how the RGB color 159, 160, 142 looks on a white background.

## Color Contrast Check

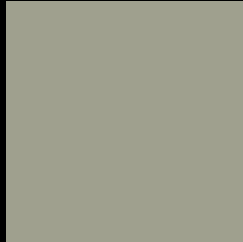
Large Text (above 18pt) WCAG AA × Fail

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 159, 160, 142 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 159, 160, 142 Background



This preview shows how black text looks on a background with the RGB color 159, 160, 142.



This preview shows how white text looks on a background with the RGB color 159, 160, 142.

# 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**  
[159](#), [160](#), [142](#)

**Protanopia**  
[165](#), [158](#), [141](#)

**Deuteranopia**  
[179](#), [153](#), [143](#)



**Tritanopia**  
163, 156, 168

# Trichromacy



**Original Color**

159, 160, 142

**Protanomaly**

163, 159, 141

**Deuteranomaly**

172, 156, 143

**Tritanomaly**

162, 157, 159

# Monochromacy



**Original Color**

159, 160, 142

**Achromatopsia**

158, 158, 158

**Achromatomaly**

158, 159, 152

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 159, 160, 142 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(159, 160, 142) looks like.

```
.text, #text, p{  
    color:rgb(159, 160, 142)  
}
```

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(159, 160, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 160, 142) }
```

## Border

The CSS property to change the border of an element to RGB 159, 160, 142 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(159, 160, 142) }
```

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

```
.border{ border-color:rgb(159, 160, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 160, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 160, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 160, 142);  
box-shadow:4px 4px 4px 4px rgb(159, 160,  
142) }
```

# Background

The CSS property to change the background color of an element to RGB 159, 160, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 160, 142) }
```

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

```
.background{ background-color: rgb(159,  
160, 142) }
```

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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