

# Converting Colors

RGB(142, 159, 142)

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

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# **Color**

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

# Conversions

## Conversions Part 1

Format	Color
Hex	8E9F8E
RGB	142, 159, 142
RGB Percent	56%, 62%, 56%
CMY	0.4431, 0.3765, 0.4431
CMYK	0.11, 0.00, 0.11, 0.38
HSL	120°, 8%, 59%
HSV	120°, 11%, 62%
XYZ	28.4360, 32.5001, 30.3656
YIQ	151.9790, -4.6750, -8.8910

# Conversions

## Conversions Part 2

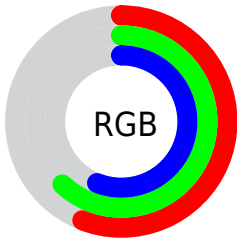
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 159, 159
Decimal	9346958
CIELab	63.75, -9.36, 6.84
CIElCh	64, 11.590, 143.839
Yxy	32.5001, 0.3115, 0.3560
Android (android.graphics.Color)	4287537038 (0xFF8E9F8E)
YUV	151.9790, -4.9196, -8.7516
Hunter-Lab	57.0088, -10.7298, 8.3255

# Details

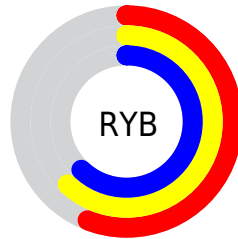
The RGB color `142, 159, 142` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `159, 142, 159`, and the grayscale version is `152, 152, 152`.

A 20% lighter version of the original color is `196, 214, 196`, and `92, 108, 92` is the 20% darker color. If you saturate the color by 10%, you get `126, 159, 126`, and if you desaturate by 10%, it is `158, 159, 158`.

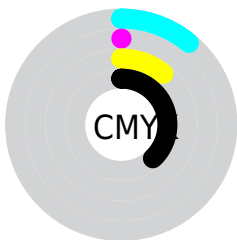
# Distribution



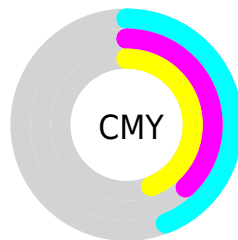
- Red (56%)
- Green (62%)
- Blue (56%)



- Red (56%)
- Yellow (62%)
- Blue (62%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (38%)



- Cyan (44%)
- Magenta (38%)
- Yellow (44%)

# Brightness & Saturation Gradients

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




 142, 159, 142


255, 255, 255


 196, 214, 196

 224, 242, 224

 252, 255, 252

 142, 159, 142

 116, 133, 116

 92, 108, 92

 68, 83, 68

 46, 60, 46


 25, 38, 25


 0, 18, 0

 0, 0, 0

 142, 159, 142


 126, 159, 126


 142, 159, 142

 158, 159, 158

 110, 159, 110

 174, 159, 174


 94, 159, 94

 190, 159, 190

 78, 159, 78


 206, 159, 206

 63, 159, 63

 222, 159, 222

 47, 159, 47


 237, 159, 237

 31, 159, 31

 253, 159, 253

 15, 159, 15

 255, 159, 255

 0, 159, 0

# Harmonies

## Analogous

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



154, 156, 136



142, 159, 142



132, 160, 152

# Triad

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



142, 159, 142



141, 156, 175



177, 148, 147

# Complementary

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



142, 159, 142



159, 142, 159

# 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.



174, 148, 157



142, 159, 142



154, 153, 173

# Square

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



142, 159, 142



131, 159, 171



166, 149, 167



173, 150, 138

# Rectangle

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



142, 159, 142



129, 161, 159



166, 149, 167



177, 147, 150



# Sweetspot

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



142, 159, 142



200, 207, 200



159, 159, 142



100, 105, 100



232, 232, 232



105, 105, 105



# Same Dimension

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



142, 159, 142



180, 207, 180



142, 159, 151



71, 79, 71



0, 143, 0



0, 15, 0



# Inverse Universe

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



159, 142, 159



207, 180, 207



159, 142, 151



79, 71, 79



143, 0, 143

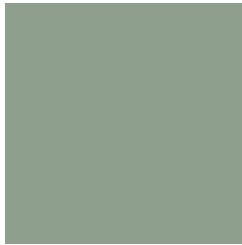


15, 0, 15



# Previews

## White Background



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

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

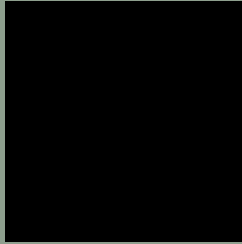
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

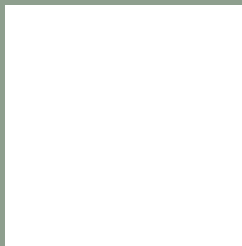
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 142, 159, 142 Background



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



This preview shows how white text looks on a background with the RGB color 142, 159, 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](#).

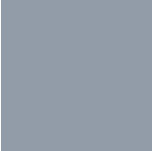
## Dichromacy



**Original Color**  
142, 159, 142

**Protanopia**  
160, 154, 139

**Deuteranopia**  
173, 149, 144



# Tritanopia

146, 155, 168

# Trichromacy



**Original Color**

142, 159, 142

**Protanomaly**

153, 156, 140

**Deuteranomaly**

162, 153, 143

**Tritanomaly**

145, 156, 159

# Monochromacy



**Original Color**

142, 159, 142

**Achromatopsia**

152, 152, 152

**Achromatomaly**

148, 155, 148

# CSS Examples

## Text

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

```
.text, #text, p{  
    color:rgb(142, 159, 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(142, 159, 142) colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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