

# Converting Colors

RGB(159, 177, 127)

Have a look what the booklet for  
RGB(159, 177, 127) contains.

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# **Color**

**RGB(159, 177, 127)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FB17F
RGB	159, 177, 127
RGB Percent	62%, 69%, 50%
CMY	0.3765, 0.3059, 0.5020
CMYK	0.10, 0.00, 0.28, 0.31
HSL	82°, 24%, 60%
HSV	82°, 28%, 69%
XYZ	33.8510, 40.3475, 26.0824
YIQ	165.9180, 5.3220, -19.3660

# Conversions

## Conversions Part 2

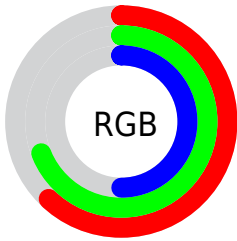
Format	Color
<a href="#">RYB</a>	<a href="#">127, 177, 145</a>
Decimal	<a href="#">10465663</a>
CIELab	<a href="#">69.72, -15.05, 23.58</a>
CIELCh	<a href="#">70, 27.970, 122.553</a>
Yxy	<a href="#">40.3475, 0.3376, 0.4023</a>
Android (android.graphics.Color)	<a href="#">4288655743 (0xFF9FB17F)</a>
YUV	<a href="#">165.9180, -19.1866, -6.0671</a>
Hunter-Lab	<a href="#">63.5197, -16.0331, 20.1182</a>

# Details

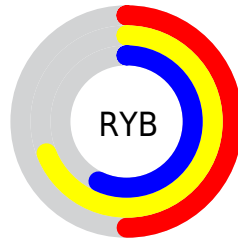
The RGB color **159, 177, 127** is a light color, and the websafe version is hex **999966**. A complement of this color would be **145, 127, 177**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **214, 233, 180**, and **107, 124, 77** is the 20% darker color. If you saturate the color by 10%, you get **153, 177, 109**, and if you desaturate by 10%, it is **165, 177, 145**.

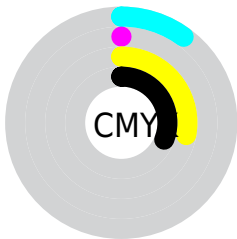
# Distribution



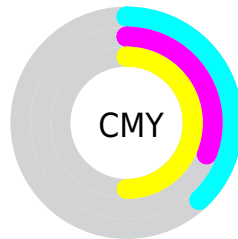
- Red (62%)
- Green (69%)
- Blue (50%)



- Red (50%)
- Yellow (69%)
- Blue (57%)



- Cyan (10%)
- Magenta (0%)
- Yellow (28%)
- Black (31%)



- Cyan (38%)
- Magenta (31%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 159, 177, 127 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, 177, 127 by changing the saturation by 10% instead.




 159, 177, 127

255, 255, 255

 214, 233, 180

 243, 255, 208

 255, 255, 236

 159, 177, 127


 133, 150, 102

 107, 124, 77

 82, 99, 54

 58, 76, 32


 36, 53, 9

 14, 32, 0


 0, 0, 0

 159, 177, 127


 153, 177, 109

 159, 177, 127

 165, 177, 145


 146, 177, 92

 172, 177, 162


 140, 177, 74


 178, 177, 180

 134, 177, 56


 184, 177, 198

 127, 177, 39


 191, 177, 216


 121, 177, 21

 197, 177, 233

 114, 177, 3

 204, 177, 251

 113, 177, 0

 210, 177, 255

 216, 177, 255

# Harmonies

## Analogous

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



186, 169, 120



159, 177, 127



130, 182, 146

# Triad

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



159, 177, 127



107, 179, 215



220, 152, 169

# Complementary

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



159, 177, 127



145, 127, 177

# 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.



205, 155, 194



159, 177, 127



141, 172, 221

# Square

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



159, 177, 127



92, 183, 197



177, 163, 213



220, 154, 144

# Rectangle

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



159, 177, 127



111, 184, 163



177, 163, 213



216, 152, 178



# Sweetspot

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



159, 177, 127



223, 230, 211



177, 145, 127



111, 115, 103



242, 242, 242



115, 115, 115



# Same Dimension

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



159, 177, 127



201, 230, 151



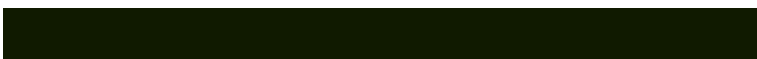
135, 177, 127



86, 89, 80



98, 153, 0



16, 26, 0



# Inverse Universe

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



145, 127, 177



180, 151, 230



169, 127, 177



84, 80, 89



55, 0, 153



9, 0, 26



# Previews

## White Background



This preview shows how the RGB color 159, 177, 127 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, 177, 127 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, 177, 127 Background



This preview shows how black text looks on a background with the RGB color 159, 177, 127.

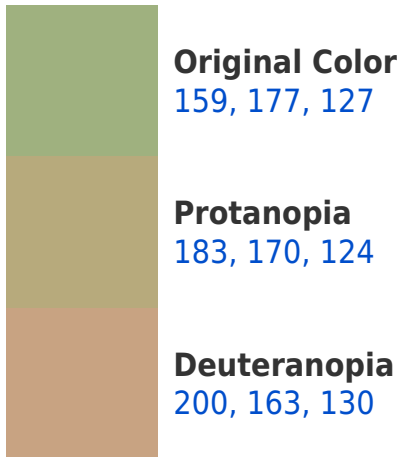


This preview shows how white text looks on a background with the RGB color 159, 177, 127.

# 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**  
167, 170, 183

# Trichromacy



**Original Color**  
159, 177, 127

**Protanomaly**  
174, 173, 125

**Deuteranomaly**  
185, 168, 129

**Tritanomaly**  
164, 173, 163

# Monochromacy



**Original Color**  
159, 177, 127

**Achromatopsia**  
166, 166, 166

**Achromatomaly**  
163, 170, 152

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 159, 177, 127 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, 177, 127)` looks like.

```
.text, #text, p{  
    color:rgb(159, 177, 127)  
}
```

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, 177, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 177, 127) }
```

## Border

The CSS property to change the border of an element to RGB 159, 177, 127 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, 177, 127) }
```

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

```
.border{ border-color:rgb(159, 177, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 177, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 177, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 177, 127);  
box-shadow:4px 4px 4px 4px rgb(159, 177,  
127) }
```

# Background

The CSS property to change the background color of an element to RGB 159, 177, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 177, 127) }
```

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

```
.background{ background-color: rgb(159,  
177, 127) }
```

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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