

# Converting Colors

RGB(142, 177, 157)

Have a look what the booklet for  
RGB(142, 177, 157) contains.

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# **Color**

**RGB(142, 177, 157)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EB19D
RGB	142, 177, 157
RGB Percent	56%, 69%, 62%
CMY	0.4431, 0.3059, 0.3843
CMYK	0.20, 0.00, 0.11, 0.31
HSL	146°, 18%, 63%
HSV	146°, 20%, 69%
XYZ	32.9633, 39.6294, 37.8102
YIQ	164.2550, -14.4400, -13.6400

# Conversions

## Conversions Part 2

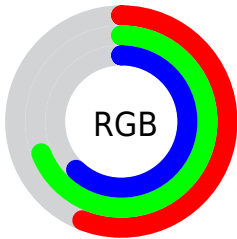
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 167, 177
Decimal	9351581
CIELab	69.20, -15.97, 6.33
CIELCh	69, 17.179, 158.385
Yxy	39.6294, 0.2986, 0.3590
Android (android.graphics.Color)	4287541661 (0xFF8EB19D)
YUV	164.2550, -3.5767, -19.5176
Hunter-Lab	62.9519, -16.6984, 8.4555

# Details

The RGB color **142, 177, 157** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **177, 142, 162**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **196, 233, 212**, and **91, 124, 106** is the 20% darker color. If you saturate the color by 10%, you get **124, 177, 147**, and if you desaturate by 10%, it is **160, 177, 167**.

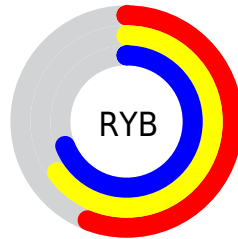
# Distribution



Red (56%)

Green (69%)

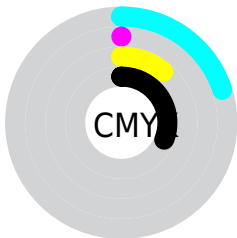
Blue (62%)



Red (56%)

Yellow (65%)

Blue (69%)

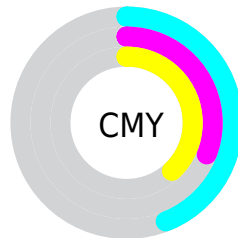


Cyan (20%)

Magenta (0%)

Yellow (11%)

Black (31%)



Cyan (44%)

Magenta (31%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 142, 177, 157 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, 177, 157 by changing the saturation by 10% instead.




 142, 177, 157


255, 255, 255


 196, 233, 212

 224, 255, 240

253, 255, 255

 142, 177, 157

 116, 150, 131

 91, 124, 106

 67, 99, 82


 44, 75, 59


 22, 52, 37

 0, 31, 16

 0, 0, 0

 142, 177, 157


 124, 177, 147

 142, 177, 157


 160, 177, 167

 107, 177, 137


 177, 177, 177


 89, 177, 127

 195, 177, 187

 71, 177, 117

 213, 177, 197

 54, 177, 106


 230, 177, 208

 36, 177, 96


 248, 177, 218

 18, 177, 86

 255, 177, 228

 0, 177, 76

 255, 177, 238

 0, 177, 76

 255, 177, 248

# Harmonies

## Analogous

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



159, 174, 144



142, 177, 157



130, 178, 173

# Triad

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



142, 177, 157



157, 169, 199



200, 160, 150

# Complementary

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



142, 177, 157



177, 142, 162

# 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.



201, 158, 165



142, 177, 157



177, 164, 193

# Square

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



142, 177, 157



139, 174, 197



193, 159, 181



191, 164, 140

# Rectangle

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



142, 177, 157



127, 178, 183



193, 159, 181



201, 159, 155



# Sweetspot

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



142, 177, 157



216, 230, 222



162, 177, 142



107, 115, 110



242, 242, 242



115, 115, 115



# Same Dimension

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



142, 177, 157



174, 230, 198



142, 177, 174



80, 89, 84



0, 153, 66



0, 26, 11



# Inverse Universe

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



177, 142, 162



230, 174, 206



177, 142, 145



89, 80, 85



153, 0, 87

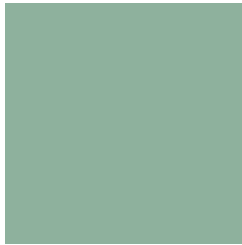


26, 0, 15



# Previews

## White Background



This preview shows how the RGB color 142, 177, 157 looks on a white background.

## Color Contrast Check

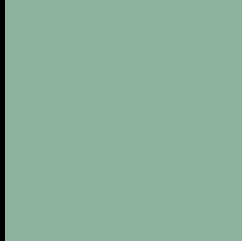
Large Text (above 18pt) WCAG AA × Fail

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, 177, 157 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

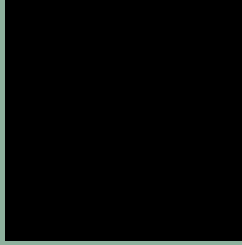
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

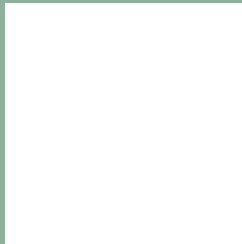
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 142, 177, 157 Background



This preview shows how black text looks on a background with the RGB color 142, 177, 157.

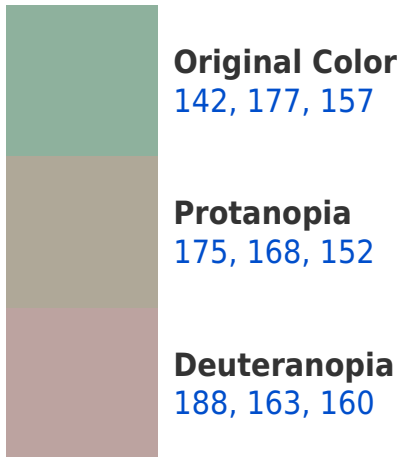


This preview shows how white text looks on a background with the RGB color 142, 177, 157.

# 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**  
147, 173, 187

# Trichromacy



**Original Color**  
142, 177, 157

**Protanomaly**  
163, 171, 154

**Deuteranomaly**  
171, 168, 159

**Tritanomaly**  
145, 174, 176

# Monochromacy



**Original Color**  
142, 177, 157

**Achromatopsia**  
164, 164, 164

**Achromatomaly**  
156, 169, 161

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 142, 177, 157 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, 177, 157)` looks like.

```
.text, #text, p{  
    color:rgb(142, 177, 157)  
}
```

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, 177, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 177, 157) }
```

## Border

The CSS property to change the border of an element to RGB 142, 177, 157 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, 177, 157) }
```

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

```
.border{ border-color:rgb(142, 177, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 177, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 177, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 177, 157);  
box-shadow:4px 4px 4px 4px rgb(142, 177,  
157) }
```

# Background

The CSS property to change the background color of an element to RGB 142, 177, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 177, 157) }
```

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

```
.background{ background-color: rgb(142,  
177, 157) }
```

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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