

Converting Colors

RGB(142, 177, 158)

Have a look what the booklet for
RGB(142, 177, 158) contains.

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Color

RGB(142, 177, 158)

Conversions

Conversions Part 1

Format	Color
Hex	8EB19E
RGB	142, 177, 158
RGB Percent	56%, 69%, 62%
CMY	0.4431, 0.3059, 0.3804
CMYK	0.20, 0.00, 0.11, 0.31
HSL	147°, 18%, 63%
HSV	147°, 20%, 69%
XYZ	33.0490, 39.6637, 38.2617
YIQ	164.3690, -14.7610, -13.3290

Conversions

Conversions Part 2

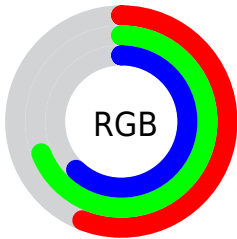
Format	Color
RYB	142, 166, 177
Decimal	9351582
CIELab	69.23, -15.77, 5.81
CIELCh	69, 16.809, 159.768
Yxy	39.6637, 0.2978, 0.3574
Android (android.graphics.Color)	4287541662 (0xFF8EB19E)
YUV	164.3690, -3.1399, -19.6176
Hunter-Lab	62.9791, -16.5435, 8.0649

Details

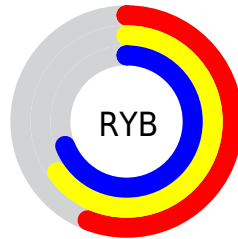
The RGB color **142, 177, 158** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **177, 142, 161**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **196, 233, 213**, and **91, 124, 107** is the 20% darker color. If you saturate the color by 10%, you get **124, 177, 148**, and if you desaturate by 10%, it is **160, 177, 168**.

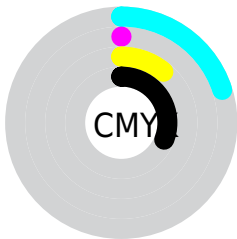
Distribution



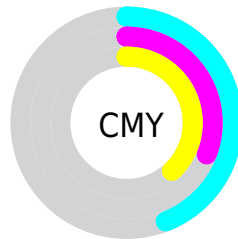
- Red (56%)
- Green (69%)
- Blue (62%)



- 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, 158 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, 158 by changing the saturation by 10% instead.


 142, 177, 158

255, 255, 255


 196, 233, 213

 224, 255, 241

253, 255, 255

 142, 177, 158


 116, 150, 132

 91, 124, 107

 67, 99, 83


 44, 75, 59


 22, 52, 38

 0, 31, 17


 0, 0, 0

 142, 177, 158


 124, 177, 148

 142, 177, 158


 160, 177, 168

 107, 177, 139


 177, 177, 177


 89, 177, 129


 195, 177, 187

 71, 177, 120

 213, 177, 196

 54, 177, 110


 230, 177, 206

 36, 177, 100


 248, 177, 216

 18, 177, 91

 255, 177, 225

 0, 177, 81

 255, 177, 235

 0, 177, 81

 255, 177, 244

Harmonies

Analogous

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



159, 174, 145



142, 177, 158



131, 178, 174

Triad

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



142, 177, 158



158, 169, 199



199, 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, 158



177, 142, 161

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, 164



142, 177, 158



178, 164, 192

Square

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



142, 177, 158



140, 173, 197



193, 160, 180



190, 165, 141

Rectangle

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



142, 177, 158



129, 177, 184



193, 160, 180



201, 159, 155

Sweetspot

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



142, 177, 158



216, 230, 222



161, 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, 158



174, 230, 200



142, 177, 175



80, 89, 84



0, 153, 70



0, 26, 12

Inverse Universe

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



177, 142, 161



230, 174, 204



177, 142, 144



89, 80, 85



153, 0, 83



26, 0, 14

Previews

White Background



This preview shows how the RGB color 142, 177, 158 looks on a white background.

Color Contrast Check

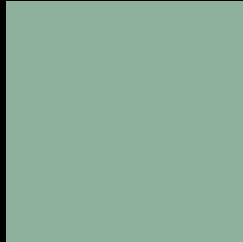
Large Text (above 18pt) WCAG AA × Fail

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, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

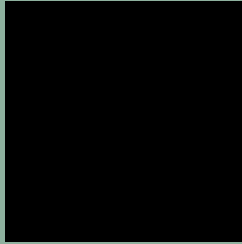
Any Text WCAG AA ✓ Pass

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, 158 Background



This preview shows how black text looks on a background with the RGB color 142, 177, 158.

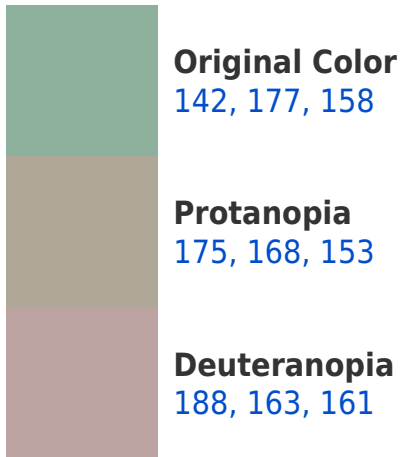


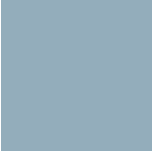
This preview shows how white text looks on a background with the RGB color 142, 177, 158.

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, 158

Protanomaly

163, 171, 155

Deuteranomaly

171, 168, 160

Tritanomaly

145, 174, 176

Monochromacy



Original Color

142, 177, 158

Achromatopsia

164, 164, 164

Achromatomaly

156, 169, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 142, 177, 158 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(142, 177, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 177, 158) }
```

Border

The CSS property to change the border of an element to RGB 142, 177, 158 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, 158) }
```

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

```
.border{ border-color:rgb(142, 177, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 177, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 177, 158);  
box-shadow:4px 4px 4px 4px rgb(142, 177,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 142, 177, 158 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, 158) }
```

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

```
.background{ background-color: rgb(142,  
177, 158) }
```

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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