

# Converting Colors

RGB(138, 180, 167)

Have a look what the booklet for  
RGB(138, 180, 167) contains.

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# **Color**

**RGB(138, 180, 167)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AB4A7
RGB	138, 180, 167
RGB Percent	54%, 71%, 65%
CMY	0.4588, 0.2941, 0.3451
CMYK	0.23, 0.00, 0.07, 0.29
HSL	161°, 22%, 62%
HSV	161°, 23%, 71%
XYZ	33.7775, 40.8358, 42.6611
YIQ	165.9600, -20.8590, -12.9470

# Conversions

## Conversions Part 2

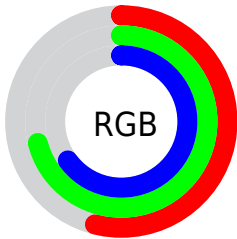
Format	Color
<a href="#">RYB</a>	<a href="#">138, 163, 180</a>
Decimal	<a href="#">9090215</a>
CIELab	<a href="#">70.06, -16.79, 2.03</a>
CIELCh	<a href="#">70, 16.914, 173.098</a>
Yxy	<a href="#">40.8358, 0.2880, 0.3482</a>
Android (android.graphics.Color)	<a href="#">4287280295 (0xFF8AB4A7)</a>
YUV	<a href="#">165.9600, 0.5127, -24.5209</a>
Hunter-Lab	<a href="#">63.9029, -17.4793, 5.1505</a>

# Details

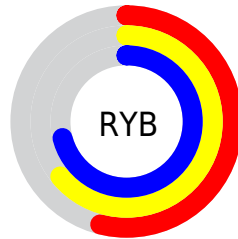
The RGB color **138, 180, 167** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **180, 138, 151**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **192, 236, 222**, and **87, 127, 115** is the 20% darker color. If you saturate the color by 10%, you get **120, 180, 161**, and if you desaturate by 10%, it is **156, 180, 173**.

# Distribution



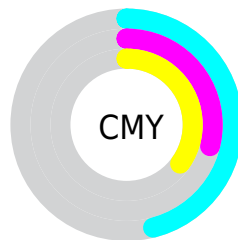
- Red (54%)
- Green (71%)
- Blue (65%)



- Red (54%)
- Yellow (64%)
- Blue (71%)



- Cyan (23%)
- Magenta (0%)
- Yellow (7%)
- Black (29%)



- Cyan (46%)
- Magenta (29%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 138, 180, 167 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 138, 180, 167 by changing the saturation by 10% instead.



 138, 180, 167


255, 255, 255


 192, 236, 222


 220, 255, 251

 249, 255, 255

 138, 180, 167


 112, 153, 141

 87, 127, 115

 63, 102, 91

 39, 78, 67

 15, 55, 45


 0, 33, 24

 0, 0, 0


 0, 0, 0


 138, 180, 167


 138, 180, 167

 120, 180, 161

 156, 180, 173


 102, 180, 156


 174, 180, 178

 84, 180, 150


 192, 180, 184

 66, 180, 145


 210, 180, 189

 48, 180, 139

 228, 180, 195


 30, 180, 134

 246, 180, 200

 12, 180, 128

 255, 180, 206

 0, 180, 124

 255, 180, 212

 255, 180, 217

# Harmonies

## Analogous

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



153, 178, 152



138, 180, 167



131, 180, 183

# Triad

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



138, 180, 167



170, 169, 199



199, 164, 147

# Complementary

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



138, 180, 167



180, 138, 151

# 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.



204, 161, 160



138, 180, 167



188, 164, 190

# Square

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



138, 180, 167



150, 174, 201



200, 161, 175



187, 169, 141

# Rectangle

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



138, 180, 167



132, 179, 192



200, 161, 175



201, 163, 151



# Sweetspot

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



138, 180, 167



218, 235, 230



151, 180, 138



108, 117, 114



245, 245, 245



117, 117, 117



# Same Dimension

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



138, 180, 167



169, 235, 214



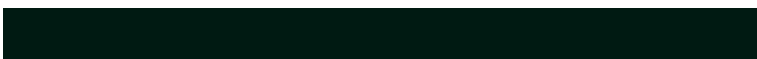
138, 172, 180



80, 89, 86



0, 153, 106



0, 26, 18



# Inverse Universe

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



180, 138, 151



235, 169, 189



180, 146, 138



89, 80, 83



153, 0, 47



26, 0, 8



# Previews

## White Background



This preview shows how the RGB color 138, 180, 167 looks on a white background.

## Color Contrast Check

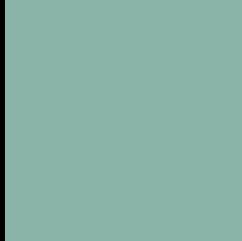
Large Text (above 18pt) WCAG AA × Fail

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 138, 180, 167 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

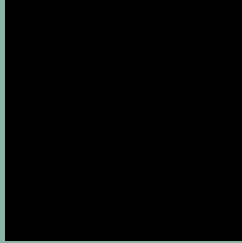
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

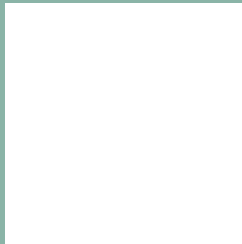
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 138, 180, 167 Background



This preview shows how black text looks on a background with the RGB color 138, 180, 167.

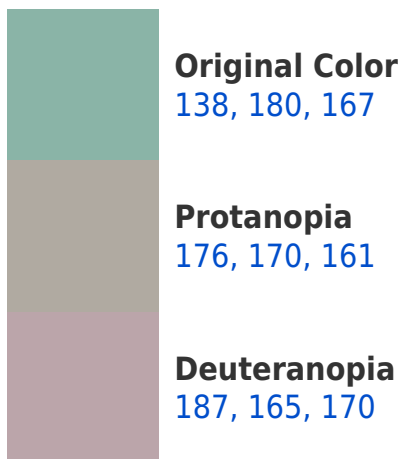


This preview shows how white text looks on a background with the RGB color 138, 180, 167.

# 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**  
143, 177, 191

# Trichromacy



**Original Color**  
138, 180, 167

**Protanomaly**  
162, 174, 163

**Deuteranomaly**  
169, 170, 169

**Tritanomaly**  
141, 178, 182

# Monochromacy



**Original Color**  
138, 180, 167

**Achromatopsia**  
166, 166, 166

**Achromatomaly**  
156, 171, 166

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 138, 180, 167 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(138, 180, 167)` looks like.

```
.text, #text, p{  
    color:rgb(138, 180, 167)  
}
```

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(138, 180, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 180, 167) }
```

## Border

The CSS property to change the border of an element to RGB 138, 180, 167 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(138, 180, 167) }
```

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

```
.border{ border-color:rgb(138, 180, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 180, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 180, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 180, 167);  
box-shadow:4px 4px 4px 4px rgb(138, 180,  
167) }
```

# Background

The CSS property to change the background color of an element to RGB 138, 180, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 180, 167) }
```

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

```
.background{ background-color: rgb(138,  
180, 167) }
```

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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