

Converting Colors

RGB(138, 180, 161)

Have a look what the booklet for
RGB(138, 180, 161) contains.

RGB(138, 180, 161)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(138, 180, 161)

Conversions

Conversions Part 1

Format	Color
Hex	8AB4A1
RGB	138, 180, 161
RGB Percent	54%, 71%, 63%
CMY	0.4588, 0.2941, 0.3686
CMYK	0.23, 0.00, 0.11, 0.29
HSL	153°, 22%, 62%
HSV	153°, 23%, 71%
XYZ	33.2355, 40.6190, 39.8068
YIQ	165.2760, -18.9330, -14.8130

Conversions

Conversions Part 2

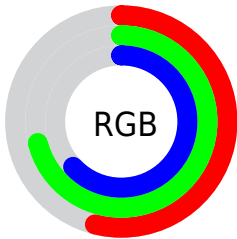
Format	Color
RYB	138, 165, 180
Decimal	9090209
CIELab	69.91, -18.04, 5.11
CIELCh	70, 18.748, 164.186
Yxy	40.6190, 0.2924, 0.3574
Android (android.graphics.Color)	4287280289 (0xFF8AB4A1)
YUV	165.2760, -2.1081, -23.9211
Hunter-Lab	63.7330, -18.4486, 7.5814

Details

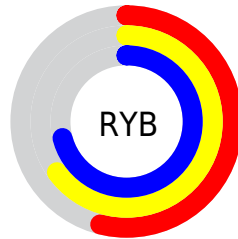
The RGB color **138, 180, 161** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **180, 138, 157**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **192, 236, 216**, and **87, 127, 110** is the 20% darker color. If you saturate the color by 10%, you get **120, 180, 153**, and if you desaturate by 10%, it is **156, 180, 169**.

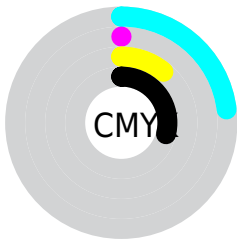
Distribution



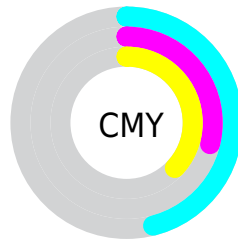
- Red (54%)
- Green (71%)
- Blue (63%)



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



- Cyan (23%)
- Magenta (0%)
- Yellow (11%)
- Black (29%)



- Cyan (46%)
- Magenta (29%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 138, 180, 161 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, 161 by changing the saturation by 10% instead.


 138, 180, 161


255, 255, 255


 192, 236, 216


 220, 255, 244

 249, 255, 255

 138, 180, 161


 112, 153, 135

 87, 127, 110

 63, 102, 85

 39, 78, 62


 15, 55, 40


 0, 33, 20


 0, 0, 0

 138, 180, 161


 120, 180, 153

 138, 180, 161


 156, 180, 169


 102, 180, 145


 174, 180, 177

 84, 180, 137


 192, 180, 185

 66, 180, 128


 210, 180, 194

 48, 180, 120


 228, 180, 202

 30, 180, 112

 246, 180, 210

 12, 180, 104

 255, 180, 218

 0, 180, 99

 255, 180, 226

 255, 180, 234

Harmonies

Analogous

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



156, 177, 146



138, 180, 161



126, 181, 178

Triad

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



138, 180, 161



162, 170, 204



204, 162, 148

Complementary

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



138, 180, 161



180, 138, 157

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.



206, 159, 163



138, 180, 161



184, 164, 195

Square

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



138, 180, 161



141, 175, 203



200, 160, 181



192, 167, 139

Rectangle

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



138, 180, 161



125, 180, 189



200, 160, 181



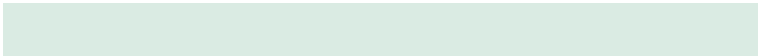
205, 160, 152

Sweetspot

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



138, 180, 161



218, 235, 227



158, 180, 138



108, 117, 113



245, 245, 245



117, 117, 117

Same Dimension

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



138, 180, 161



169, 235, 205



138, 179, 180



80, 89, 85



0, 153, 84



0, 26, 14

Inverse Universe

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



180, 138, 157



235, 169, 199



180, 139, 138



89, 80, 84



153, 0, 69



26, 0, 12

Previews

White Background



This preview shows how the RGB color 138, 180, 161 looks on a white background.

Color Contrast Check

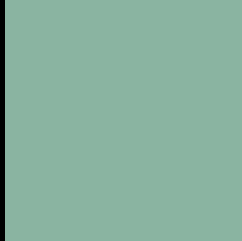
Large Text (above 18pt) WCAG AA × Fail

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, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

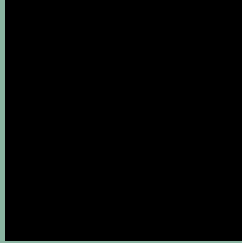
Any Text WCAG AA ✓ Pass

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, 161 Background



This preview shows how black text looks on a background with the RGB color 138, 180, 161.

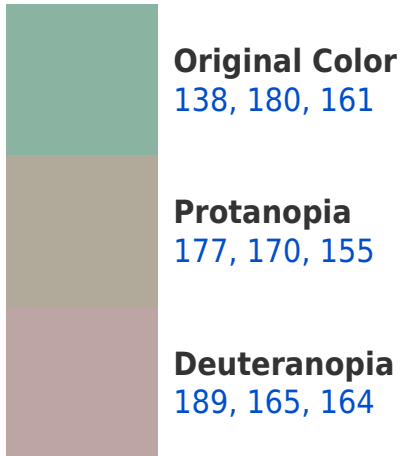


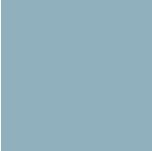
This preview shows how white text looks on a background with the RGB color 138, 180, 161.

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
144, 176, 190

Trichromacy



Original Color
138, 180, 161

Protanomaly
163, 174, 157

Deuteranomaly
170, 170, 163

Tritanomaly
142, 177, 179

Monochromacy



Original Color
138, 180, 161

Achromatopsia
165, 165, 165

Achromatomaly
155, 170, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 180, 161 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(138, 180, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 180, 161) }
```

Border

The CSS property to change the border of an element to RGB 138, 180, 161 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, 161) }
```

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

```
.border{ border-color:rgb(138, 180, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 180, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 180, 161);  
box-shadow:4px 4px 4px 4px rgb(138, 180,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 138, 180, 161 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, 161) }
```

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

```
.background{ background-color: rgb(138,  
180, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor