

Converting Colors

RGB(138, 172, 154)

Have a look what the booklet for
RGB(138, 172, 154) contains.

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Color

RGB(138, 172, 154)

Conversions

Conversions Part 1

Format	Color
Hex	8AAC9A
RGB	138, 172, 154
RGB Percent	54%, 67%, 60%
CMY	0.4588, 0.3255, 0.3961
CMYK	0.20, 0.00, 0.10, 0.33
HSL	148°, 17%, 61%
HSV	148°, 20%, 67%
XYZ	31.0665, 37.2414, 36.1228
YIQ	159.7820, -14.4860, -12.8060

Conversions

Conversions Part 2

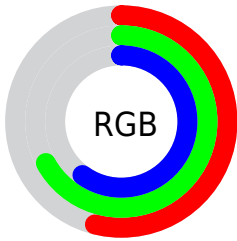
Format	Color
RYB	138, 161, 172
Decimal	9088154
CIELab	67.46, -15.31, 5.44
CIELCh	67, 16.249, 160.444
Yxy	37.2414, 0.2975, 0.3566
Android (android.graphics.Color)	4287278234 (0xFF8AAC9A)
YUV	159.7820, -2.8505, -19.1028
Hunter-Lab	61.0257, -15.9257, 7.6227

Details

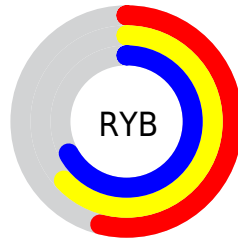
The RGB color **138, 172, 154** is a light color, and the websafe version is hex **669999**. A complement of this color would be **172, 138, 156**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **192, 227, 208**, and **87, 120, 103** is the 20% darker color. If you saturate the color by 10%, you get **121, 172, 145**, and if you desaturate by 10%, it is **155, 172, 163**.

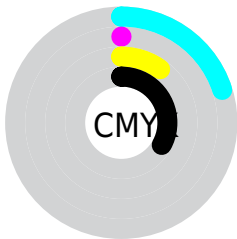
Distribution



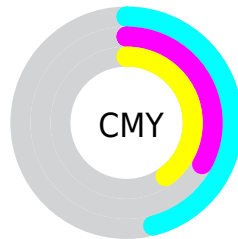
- Red (54%)
- Green (67%)
- Blue (60%)



- Red (54%)
- Yellow (63%)
- Blue (67%)



- Cyan (20%)
- Magenta (0%)
- Yellow (10%)
- Black (33%)



- Cyan (46%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 138, 172, 154 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, 172, 154 by changing the saturation by 10% instead.

 138, 172, 154


255, 255, 255


 192, 227, 208

 220, 255, 237


 249, 255, 255

 138, 172, 154

 112, 145, 128

 87, 120, 103

 64, 95, 79


 41, 71, 56

 18, 48, 35

 0, 28, 13


 0, 0, 0

 138, 172, 154


 121, 172, 145


 138, 172, 154


 155, 172, 163

 104, 172, 136


 172, 172, 172

 86, 172, 127

 190, 172, 181


 69, 172, 118

 207, 172, 190

 52, 172, 108


 224, 172, 200

 35, 172, 99


 241, 172, 209

 18, 172, 90

 255, 172, 218

 0, 172, 81

 255, 172, 227

 0, 172, 81

 255, 172, 236

Harmonies

Analogous

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



154, 169, 142



138, 172, 154



127, 173, 169

Triad

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



138, 172, 154



155, 164, 193



193, 156, 146

Complementary

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



138, 172, 154



172, 138, 156

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.



195, 154, 160



138, 172, 154



173, 159, 187

Square

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



138, 172, 154



137, 168, 191



188, 155, 174



185, 160, 137

Rectangle

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



138, 172, 154



125, 172, 179



188, 155, 174



195, 155, 150

Sweetspot

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



138, 172, 154



211, 224, 217



156, 172, 138



104, 112, 108



240, 240, 240



112, 112, 112

Same Dimension

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



138, 172, 154



171, 224, 196



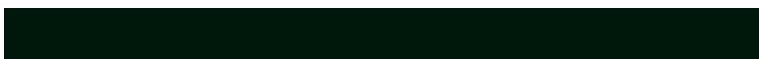
138, 172, 171



78, 87, 82



0, 150, 71



0, 23, 11

Inverse Universe

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



172, 138, 156



224, 171, 199



172, 138, 139



87, 78, 83



150, 0, 80



23, 0, 12

Previews

White Background



This preview shows how the RGB color 138, 172, 154 looks on a white background.

Color Contrast Check

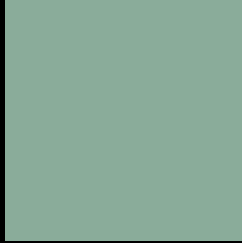
Large Text (above 18pt) WCAG AA × Fail

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, 172, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

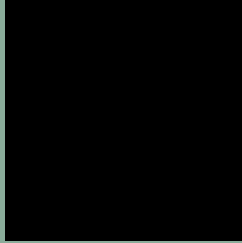
Any Text WCAG AA ✓ Pass

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, 172, 154 Background



This preview shows how black text looks on a background with the RGB color 138, 172, 154.

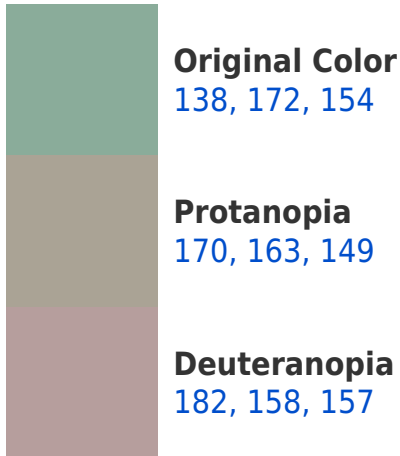


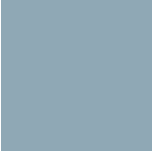
This preview shows how white text looks on a background with the RGB color 138, 172, 154.

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, 168, 181

Trichromacy



Original Color

138, 172, 154

Protanomaly

158, 166, 151

Deuteranomaly

166, 163, 156

Tritanomaly

141, 169, 171

Monochromacy



Original Color

138, 172, 154

Achromatopsia

160, 160, 160

Achromatomaly

152, 164, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 172, 154 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, 172, 154)` looks like.

```
.text, #text, p{  
    color:rgb(138, 172, 154)  
}
```

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, 172, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 172, 154) }
```

Border

The CSS property to change the border of an element to RGB 138, 172, 154 is called "border". The border property can be set on classes, ids or directly on the HTML element.

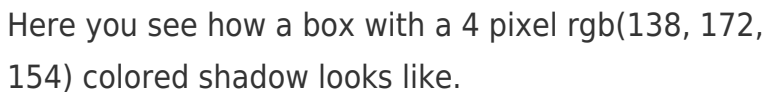
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 172, 154) }
```

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

```
.border{ border-color:rgb(138, 172, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 172, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 172, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 172, 154);  
box-shadow:4px 4px 4px 4px rgb(138, 172,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 138, 172, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 172, 154) }
```

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

```
.background{ background-color: rgb(138,  
172, 154) }
```

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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