

Converting Colors

RGB(158, 172, 148)

Have a look what the booklet for
RGB(158, 172, 148) contains.

RGB(158, 172, 148)	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(158, 172, 148)

Conversions

Conversions Part 1

Format	Color
Hex	9EAC94
RGB	158, 172, 148
RGB Percent	62%, 67%, 58%
CMY	0.3804, 0.3255, 0.4196
CMYK	0.08, 0.00, 0.14, 0.33
HSL	95°, 13%, 63%
HSV	95°, 14%, 67%
XYZ	34.1984, 38.9123, 33.7253
YIQ	165.0780, -0.6400, -10.4320

Conversions

Conversions Part 2

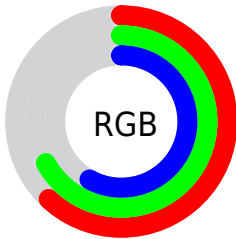
Format	Color
RYB	148, 172, 162
Decimal	10398868
CIELab	68.69, -9.41, 10.69
CIELCh	69, 14.243, 131.342
Yxy	38.9123, 0.3201, 0.3642
Android (android.graphics.Color)	4288588948 (0xFF9EAC94)
YUV	165.0780, -8.4195, -6.2074
Hunter-Lab	62.3797, -11.3056, 11.6109

Details

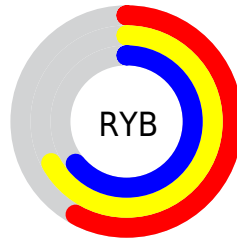
The RGB color **158, 172, 148** is a light color, and the websafe version is hex **999999**. A complement of this color would be **162, 148, 172**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **213, 227, 202**, and **107, 120, 97** is the 20% darker color. If you saturate the color by 10%, you get **148, 172, 131**, and if you desaturate by 10%, it is **168, 172, 165**.

Distribution



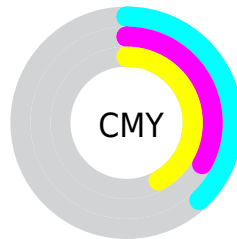
- Red (62%)
- Green (67%)
- Blue (58%)



- Red (58%)
- Yellow (67%)
- Blue (64%)



- Cyan (8%)
- Magenta (0%)
- Yellow (14%)
- Black (33%)



- Cyan (38%)
- Magenta (33%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 172, 148 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 158, 172, 148 by changing the saturation by 10% instead.


 158, 172, 148

255, 255, 255

 213, 227, 202


 241, 255, 230

 158, 172, 148


 132, 145, 122

 107, 120, 97

 82, 95, 74


 59, 71, 51

 37, 49, 30


 18, 28, 5

 0, 0, 0

 158, 172, 148

 148, 172, 131


 158, 172, 148


 168, 172, 165

 138, 172, 114


 178, 172, 182

 128, 172, 96

 188, 172, 200

 118, 172, 79

 198, 172, 217

 108, 172, 62

 208, 172, 234

 98, 172, 45

 218, 172, 251

 88, 172, 28

 228, 172, 255

 78, 172, 10

 238, 172, 255

 72, 172, 0

 248, 172, 255

Harmonies

Analogous

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



173, 168, 142



158, 172, 148



144, 174, 159

Triad

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



158, 172, 148



144, 171, 192



195, 159, 163

Complementary

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



158, 172, 148



162, 148, 172

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.



189, 160, 176



158, 172, 148



160, 167, 193

Square

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



158, 172, 148



135, 174, 184



176, 163, 187



193, 160, 151

Rectangle

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



158, 172, 148



138, 175, 168



176, 163, 187



193, 159, 167

Sweetspot

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



158, 172, 148



219, 224, 215



172, 162, 148



109, 112, 107



240, 240, 240



112, 112, 112

Same Dimension

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



158, 172, 148



202, 224, 186



148, 172, 150



82, 87, 78



63, 150, 0



10, 23, 0

Inverse Universe

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



162, 148, 172



209, 186, 224



172, 148, 170



83, 78, 87



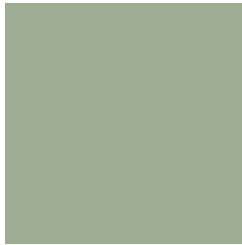
88, 0, 150



13, 0, 23

Previews

White Background



This preview shows how the RGB color 158, 172, 148 looks on a white background.

Color Contrast Check

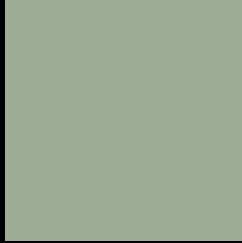
Large Text (above 18pt) WCAG AA × Fail

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 158, 172, 148 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 158, 172, 148 Background



This preview shows how black text looks on a background with the RGB color 158, 172, 148.



This preview shows how white text looks on a background with the RGB color 158, 172, 148.

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](#).

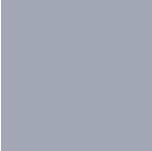
Dichromacy



Original Color
158, 172, 148

Protanopia
175, 167, 145

Deuteranopia
190, 161, 150



Tritanopia
163, 167, 181

Trichromacy



Original Color
158, 172, 148

Protanomaly
169, 169, 146

Deuteranomaly
178, 165, 149

Tritanomaly
161, 169, 169

Monochromacy



Original Color
158, 172, 148

Achromatopsia
165, 165, 165

Achromatomaly
162, 168, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 172, 148 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(158, 172, 148) looks like.

```
.text, #text, p{  
    color:rgb(158, 172, 148)  
}
```

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(158, 172, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 172, 148) }
```

Border

The CSS property to change the border of an element to RGB 158, 172, 148 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(158, 172, 148) }
```

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

```
.border{ border-color:rgb(158, 172, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 172, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 172, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 172, 148);  
box-shadow:4px 4px 4px 4px rgb(158, 172,  
148) }
```

Background

The CSS property to change the background color of an element to RGB 158, 172, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 172, 148) }
```

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

```
.background{ background-color: rgb(158,  
172, 148) }
```

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