

Converting Colors

RGB(138, 172, 115)

Have a look what the booklet for
RGB(138, 172, 115) contains.

RGB(138, 172, 115)	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, 172, 115)

Conversions

Conversions Part 1

Format	Color
Hex	8AAC73
RGB	138, 172, 115
RGB Percent	54%, 67%, 45%
CMY	0.4588, 0.3255, 0.5490
CMYK	0.20, 0.00, 0.33, 0.33
HSL	96°, 26%, 56%
HSV	96°, 33%, 67%
XYZ	28.3283, 36.1461, 21.7035
YIQ	155.3360, -1.9670, -24.9350

Conversions

Conversions Part 2

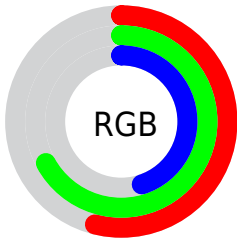
Format	Color
RYB	115, 172, 149
Decimal	9088115
CIELab	66.63, -22.18, 25.64
CIElCh	67, 33.902, 130.866
Yxy	36.1461, 0.3287, 0.4194
Android (android.graphics.Color)	4287278195 (0xFF8AAC73)
YUV	155.3360, -19.8856, -15.2037
Hunter-Lab	60.1216, -21.1068, 20.6819

Details

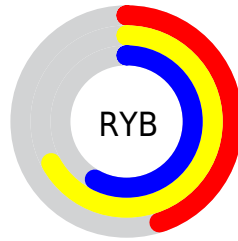
The RGB color **138, 172, 115** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **149, 115, 172**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **192, 228, 167**, and **87, 120, 66** is the 20% darker color. If you saturate the color by 10%, you get **128, 172, 98**, and if you desaturate by 10%, it is **148, 172, 132**.

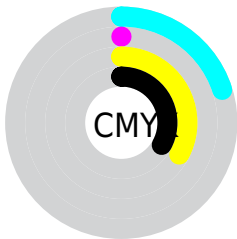
Distribution



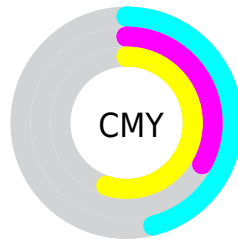
- Red (54%)
- Green (67%)
- Blue (45%)



- Red (45%)
- Yellow (67%)
- Blue (58%)



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



- Cyan (46%)
- Magenta (33%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 138, 172, 115 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, 115 by changing the saturation by 10% instead.

 138, 172, 115

255, 255, 255

 192, 228, 167


 220, 255, 195

 249, 255, 223

 255, 255, 252

 138, 172, 115

 128, 172, 98


 138, 172, 115

 112, 145, 90

 87, 120, 66

 63, 95, 43

 39, 71, 21

 17, 48, 0

 0, 29, 0

 0, 0, 0

 138, 172, 115

 148, 172, 132

■ 117, 172, 81

■ 159, 172, 149

■ 107, 172, 63

■ 169, 172, 167

■ 97, 172, 46

■ 179, 172, 184

■ 87, 172, 29

■ 189, 172, 201

■ 76, 172, 12

■ 200, 172, 218

■ 69, 172, 0

■ 210, 172, 235

■ 220, 172, 253

■ 230, 172, 255

Harmonies

Analogous

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



172, 164, 102



138, 172, 115



101, 177, 141

Triad

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



138, 172, 115



87, 171, 219



222, 139, 152

Complementary

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



138, 172, 115



149, 115, 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.



209, 141, 183



138, 172, 115



137, 161, 222

Square

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



138, 172, 115



49, 177, 201



180, 150, 208



218, 144, 124

Rectangle

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



138, 172, 115



75, 178, 162



180, 150, 208



220, 139, 162

Sweetspot

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



138, 172, 115



211, 224, 202



172, 148, 115



104, 112, 99



240, 240, 240



112, 112, 112

Same Dimension

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



138, 172, 115



171, 224, 135



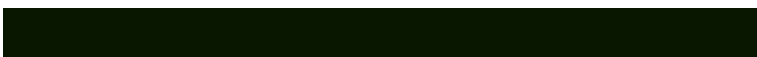
115, 172, 120



82, 87, 78



61, 150, 0



9, 23, 0

Inverse Universe

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



149, 115, 172



188, 135, 224



172, 115, 167



83, 78, 87



90, 0, 150



14, 0, 23

Previews

White Background



This preview shows how the RGB color 138, 172, 115 looks on a white background.

Color Contrast Check

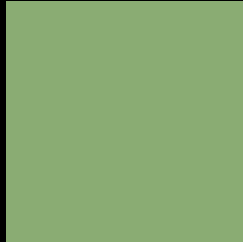
Large Text (above 18pt) WCAG AA × Fail

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, 115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

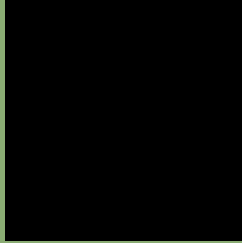
Any Text WCAG AA ✓ Pass

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, 115 Background



This preview shows how black text looks on a background with the RGB color 138, 172, 115.

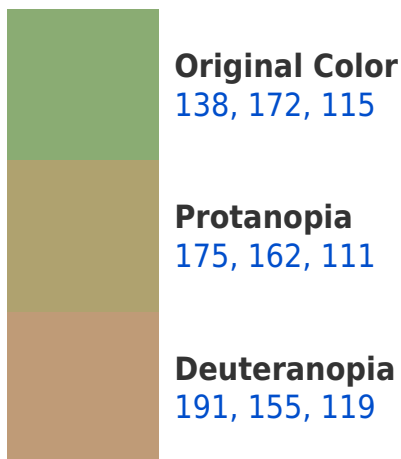


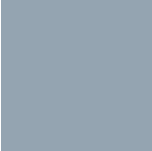
This preview shows how white text looks on a background with the RGB color 138, 172, 115.

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
148, 164, 177

Trichromacy



Original Color
138, 172, 115

Protanomaly
162, 166, 112

Deuteranomaly
172, 161, 118

Tritanomaly
144, 167, 154

Monochromacy



Original Color
138, 172, 115

Achromatopsia
155, 155, 155

Achromatomaly
149, 161, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 172, 115 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(138, 172, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 172, 115) }
```

Border

The CSS property to change the border of an element to RGB 138, 172, 115 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, 115) }
```

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

```
.border{ border-color:rgb(138, 172, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 172, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 172, 115);  
box-shadow:4px 4px 4px 4px rgb(138, 172,  
115) }
```

Background

The CSS property to change the background color of an element to RGB 138, 172, 115 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, 115) }
```

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

```
.background{ background-color: rgb(138,  
172, 115) }
```

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