

Converting Colors

RGB(138, 158, 85)

Have a look what the booklet for
RGB(138, 158, 85) contains.

RGB(138, 158, 85)	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, 158, 85)

Conversions

Conversions Part 1

Format	Color
Hex	8A9E55
RGB	138, 158, 85
RGB Percent	54%, 62%, 33%
CMY	0.4588, 0.3804, 0.6667
CMYK	0.13, 0.00, 0.46, 0.38
HSL	76°, 30%, 48%
HSV	76°, 46%, 62%
XYZ	24.3478, 30.5129, 13.2006
YIQ	143.6980, 11.5130, -26.9430

Conversions

Conversions Part 2

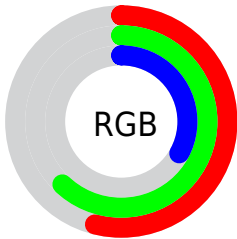
Format	Color
RYB	85, 158, 105
Decimal	9084501
CIELab	62.09, -19.06, 35.66
CIElCh	62, 40.435, 118.130
Yxy	30.5129, 0.3577, 0.4483
Android (android.graphics.Color)	4287274581 (0xFF8A9E55)
YUV	143.6980, -28.9381, -4.9971
Hunter-Lab	55.2385, -17.9888, 24.4981

Details

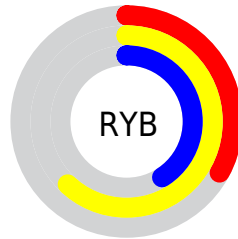
The RGB color **138, 158, 85** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **105, 85, 158**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **193, 213, 136**, and **86, 107, 37** is the 20% darker color. If you saturate the color by 10%, you get **134, 158, 69**, and if you desaturate by 10%, it is **142, 158, 101**.

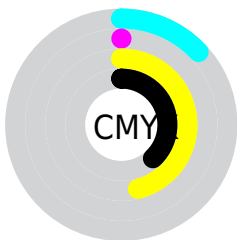
Distribution



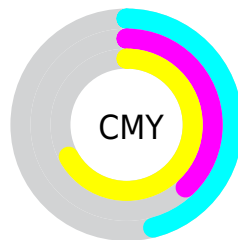
- Red (54%)
- Green (62%)
- Blue (33%)



- Red (33%)
- Yellow (62%)
- Blue (41%)



- Cyan (13%)
- Magenta (0%)
- Yellow (46%)
- Black (38%)



- Cyan (46%)
- Magenta (38%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the RGB color 138, 158, 85 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, 158, 85 by changing the saturation by 10% instead.



138, 158, 85



138, 158, 85

255, 255, 255



112, 132, 61



193, 213, 136



86, 107, 37



221, 241, 163



62, 82, 11



250, 255, 190



39, 59, 0



255, 255, 218



14, 37, 0



255, 255, 247



0, 14, 0



0, 0, 0



138, 158, 85



138, 158, 85




134, 158, 69





142, 158, 101

 129, 158, 53


 147, 158, 117


 125, 158, 38


 151, 158, 132


 121, 158, 22

 155, 158, 148

 116, 158, 6


 160, 158, 164

 115, 158, 0

 164, 158, 180

 168, 158, 196

 173, 158, 211

 177, 158, 227

Harmonies

Analogous

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



174, 147, 77



138, 158, 85



94, 165, 111

Triad

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



138, 158, 85



0, 164, 210



215, 121, 154

Complementary

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



138, 158, 85



105, 85, 158

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.



193, 129, 188



138, 158, 85



87, 154, 221

Square

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



138, 158, 85



0, 168, 183



150, 142, 213



217, 124, 118

Rectangle

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



138, 158, 85



56, 168, 134



150, 142, 213



210, 123, 166

Sweetspot

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



138, 158, 85



199, 207, 178



158, 104, 85



100, 105, 87



232, 232, 232



105, 105, 105

Same Dimension

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



138, 158, 85



175, 207, 93



102, 158, 85



77, 79, 71



104, 143, 0



11, 15, 0

Inverse Universe

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



105, 85, 158



124, 93, 207



141, 85, 158



73, 71, 79



39, 0, 143



4, 0, 15

Previews

White Background



This preview shows how the RGB color 138, 158, 85 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, 158, 85 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

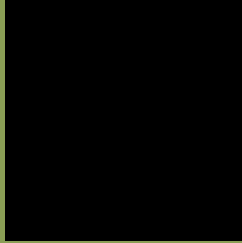
Any Text WCAG AA ✓ Pass

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, 158, 85 Background



This preview shows how black text looks on a background with the RGB color 138, 158, 85.



This preview shows how white text looks on a background with the RGB color 138, 158, 85.

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](#).

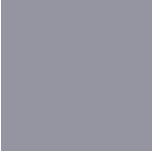
Dichromacy



Original Color
138, 158, 85

Protanopia
165, 150, 82

Deuteranopia
182, 143, 89



Tritanopia
148, 149, 161

Trichromacy



Original Color

138, 158, 85

Protanomaly

155, 153, 83

Deuteranomaly

166, 148, 88

Tritanomaly

144, 152, 133

Monochromacy



Original Color

138, 158, 85

Achromatopsia

144, 144, 144

Achromatomaly

142, 149, 123

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 158, 85 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, 158, 85)` looks like.

```
.text, #text, p{  
    color:rgb(138, 158, 85)  
}
```

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, 158, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 158, 85) }
```

Border

The CSS property to change the border of an element to RGB 138, 158, 85 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, 158, 85) }
```

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

```
.border{ border-color:rgb(138, 158, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 158, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 158, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 158, 85);  
box-shadow:4px 4px 4px 4px rgb(138, 158,  
85) }
```

Background

The CSS property to change the background color of an element to RGB 138, 158, 85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 158, 85) }
```

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

```
.background{ background-color: rgb(138,  
158, 85) }
```

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