

Converting Colors

RGB(88, 153, 111)

Have a look what the booklet for
RGB(88, 153, 111) contains.

RGB(88, 153, 111)	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(88, 153, 111)

Conversions

Conversions Part 1

Format	Color
Hex	58996F
RGB	88, 153, 111
RGB Percent	35%, 60%, 44%
CMY	0.6549, 0.4000, 0.5647
CMYK	0.42, 0.00, 0.27, 0.40
HSL	141°, 27%, 47%
HSV	141°, 42%, 60%
XYZ	18.2850, 26.0049, 19.0946
YIQ	128.7770, -25.2580, -26.8420

Conversions

Conversions Part 2

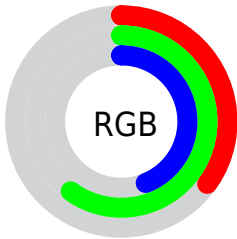
Format	Color
RYB	88, 136, 153
Decimal	5806447
CIELab	58.04, -30.51, 15.71
CIElCh	58, 34.314, 152.751
Yxy	26.0049, 0.2885, 0.4103
Android (android.graphics.Color)	4283996527 (0xFF58996F)
YUV	128.7770, -8.7641, -35.7614
Hunter-Lab	50.9950, -25.2375, 13.4958

Details

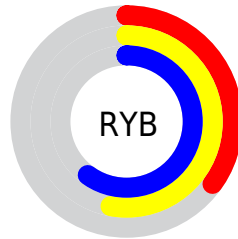
The RGB color **88, 153, 111** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **153, 88, 130**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **141, 208, 163**, and **36, 101, 63** is the 20% darker color. If you saturate the color by 10%, you get **73, 153, 101**, and if you desaturate by 10%, it is **103, 153, 121**.

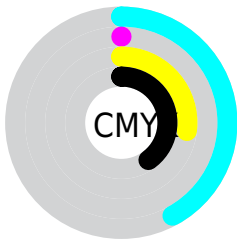
Distribution



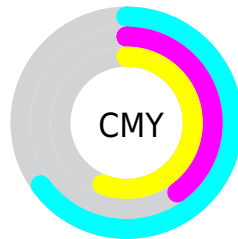
- Red (35%)
- Green (60%)
- Blue (44%)



- Red (35%)
- Yellow (53%)
- Blue (60%)



- Cyan (42%)
- Magenta (0%)
- Yellow (27%)
- Black (40%)



- Cyan (65%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 88, 153, 111 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 88, 153, 111 by changing the saturation by 10% instead.



88, 153, 111



88, 153, 111

255, 255, 255



62, 127, 86



141, 208, 163



36, 101, 63



168, 236, 190



2, 77, 41



196, 255, 218



0, 54, 20



225, 255, 246



0, 34, 0

254, 255, 255



0, 0, 0



88, 153, 111



88, 153, 111



73, 153, 101



103, 153, 121



57, 153, 91



119, 153, 131

■ 42, 153, 81

■ 134, 153, 141

■ 27, 153, 71

■ 149, 153, 151

■ 11, 153, 62

■ 164, 153, 160

■ 0, 153, 54

■ 180, 153, 170

■ 195, 153, 180

■ 210, 153, 190

■ 226, 153, 200

Harmonies

Analogous

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



125, 147, 88



88, 153, 111



42, 155, 141

Triad

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



88, 153, 111



99, 142, 199



196, 119, 109

Complementary

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



88, 153, 111



153, 88, 130

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.



196, 116, 138



88, 153, 111



146, 131, 190

Square

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



88, 153, 111



39, 150, 192



179, 121, 168



181, 128, 87

Rectangle

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



88, 153, 111



0, 155, 162



179, 121, 168



198, 117, 118

Sweetspot

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



88, 153, 111



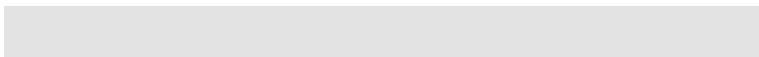
173, 199, 182



130, 153, 88



84, 99, 89



227, 227, 227



99, 99, 99

Same Dimension

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



88, 153, 111



97, 199, 133



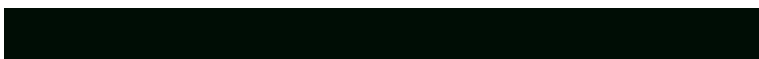
88, 153, 143



69, 77, 72



0, 140, 50



0, 13, 5

Inverse Universe

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



153, 88, 130



199, 97, 163



153, 88, 98



77, 69, 74



140, 0, 91



13, 0, 8

Previews

White Background



This preview shows how the RGB color 88, 153, 111 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 88, 153, 111 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 88, 153, 111 Background



This preview shows how black text looks on a background with the RGB color 88, 153, 111.

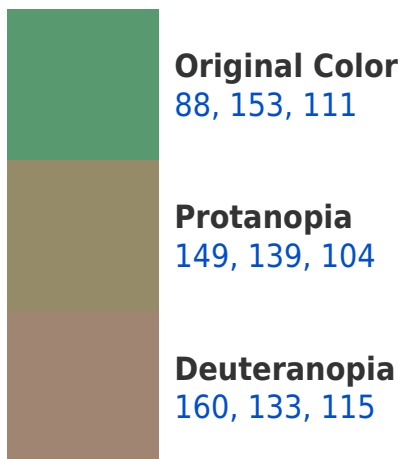


This preview shows how white text looks on a background with the RGB color 88, 153, 111.

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
99, 147, 159

Trichromacy



Original Color

88, 153, 111



Protanomaly

127, 144, 107



Deuteranomaly

134, 140, 114



Tritanomaly

95, 149, 142

Monochromacy



Original Color

88, 153, 111



Achromatopsia

129, 129, 129



Achromatomaly

114, 138, 122

CSS Examples

Text

The CSS property to change the color of the text to RGB 88, 153, 111 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(88, 153, 111)` looks like.

```
.text, #text, p{  
    color:rgb(88, 153, 111)  
}
```

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(88, 153, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 153, 111) }
```

Border

The CSS property to change the border of an element to RGB 88, 153, 111 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(88, 153, 111) }
```

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

```
.border{ border-color:rgb(88, 153, 111) }
```

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

Here you see how a box with a 4 pixel rgb(88, 153, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 153, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 153, 111);  
box-shadow:4px 4px 4px 4px rgb(88, 153,  
111) }
```

Background

The CSS property to change the background color of an element to RGB 88, 153, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 153, 111) }
```

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

```
.background{ background-color: rgb(88, 153,  
111) }
```

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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