

# Converting Colors

Hex(88A73E)

Have a look what the booklet for  
Hex(88A73E) contains.

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# Color

Hex(88A73E)

# Conversions

## Conversions Part 1

Format	Color
Hex	88A73E
RGB	136, 167, 62
RGB Percent	53%, 65%, 24%
CMY	0.4667, 0.3451, 0.7569
CMYK	0.19, 0.00, 0.63, 0.35
HSL	78°, 46%, 45%
HSV	78°, 63%, 65%
XYZ	24.8416, 33.2195, 9.6601
YIQ	145.7610, 15.2290, -39.2270

# Conversions

## Conversions Part 2

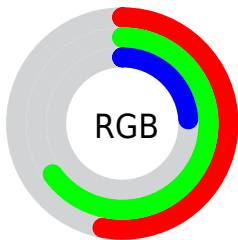
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">62, 167, 93</a>
Decimal	<a href="#">8955710</a>
CIELab	<a href="#">64.34, -26.60, 49.31</a>
CIELCh	<a href="#">64, 56.032, 118.347</a>
Yxy	<a href="#">33.2195, 0.3668, 0.4905</a>
Android (android.graphics.Color)	<a href="#">4287145790 (0xFF88A73E)</a>
YUV	<a href="#">145.7610, -41.2942, -8.5604</a>
Hunter-Lab	<a href="#">57.6363, -23.9292, 30.4081</a>

# Details

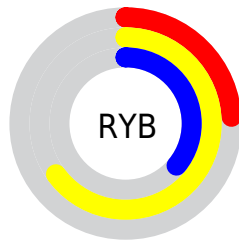
The Hex color **88A73E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5D3EA7**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **C0DE72**, and **537301** is the 20% darker color. If you saturate the color by 10%, you get **83A72D**, and if you desaturate by 10%, it is **8DA74F**.

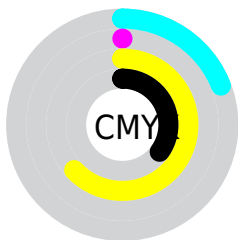
# Distribution



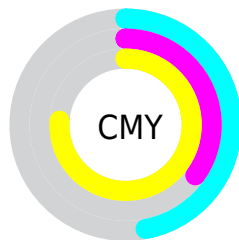
- Red (53%)
- Green (65%)
- Blue (24%)



- Red (24%)
- Yellow (65%)
- Blue (36%)



- Cyan (19%)
- Magenta (0%)
- Yellow (63%)
- Black (35%)



- Cyan (47%)
- Magenta (35%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88A73E 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 Hex color 88A73E by changing the saturation by 10% instead.



 88A73E

 88A73E

FFFFFF

 6D8D23

 C0DE72

 537301

 DCFB8D

 395A00

 F9FFA8

 1F4300

 FFFFC4

 012C00

 FFFFE1

 001800

FFFFFFE

 000000

 88A73E

 88A73E

 83A72D

 8DA74F

 7EA71D

 92A75F

 79A70C

 97A770

 76A700

 9CA781

 A1A792

 A6A7A2

 ABA7B3

 AFA7C4

 B4A7D4

# Harmonies

## Analogous

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



BA9831



88A73E



44B065

# Triad

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



88A73E



00AEF0



F46FA1

# Complementary

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



88A73E



5D3EA7

# 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.



D67BD1



88A73E



00A2FF

# Square

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



88A73E



00B4CA



9990F4



F6746F

# Rectangle

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



88A73E



00B386



9990F4



EE71B2



# Sweetspot

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



88A73E



CDD9B0



A75C3E



666E54



EDEDED



6E6E6E



# Same Dimension

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



88A73E



A9D936



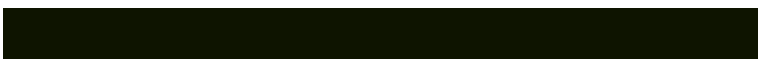
55A73E



52544C



689400



0E1400



# Inverse Universe

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



5D3EA7



6636D9



903EA7



4E4C54



2C0094



060014



# Previews

## White Background



This preview shows how the Hex color 88A73E looks on a white background.

## Color Contrast Check

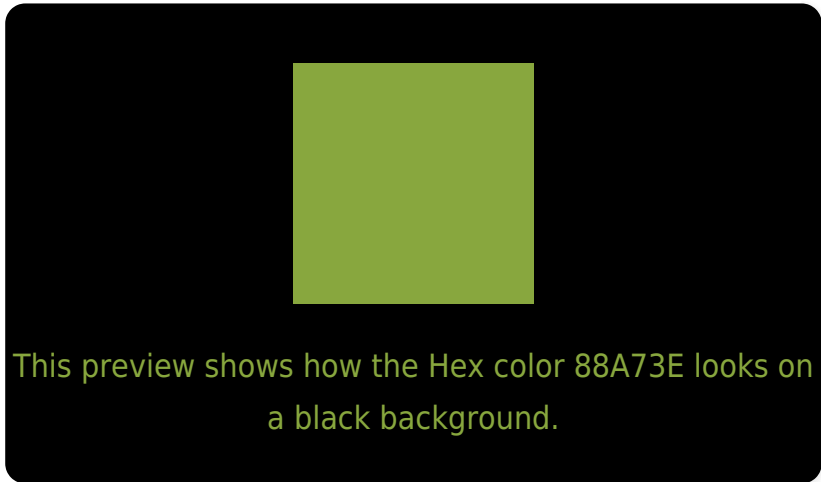
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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](#).



## Hex 88A73E Background



This preview shows how black text looks on a background with the Hex color 88A73E.



This preview shows how white text looks on a background with the Hex color 88A73E.

# 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**  
88A73E

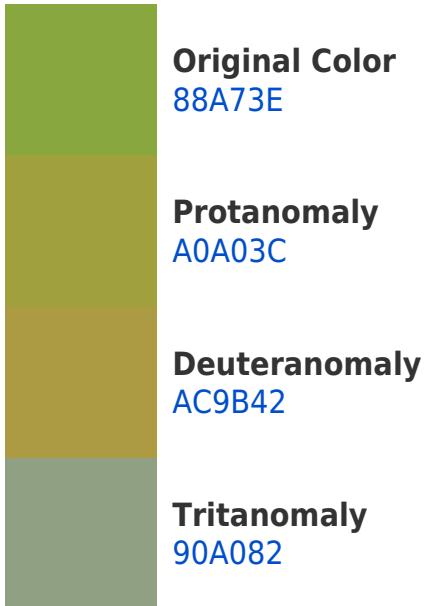
**Protanopia**  
AE9C3B

**Deuteranopia**  
C19444



**Tritanopia**  
949CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88A73E 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 #88A73E looks like.

```
.text, #text, p{  
    color:#88A73E  
}
```

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 #88A73E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88A73E
}
```

## Border

The CSS property to change the border of an element to Hex 88A73E 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
#88A73E }
```

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

```
.border{ border-color:#88A73E }
```

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

Here you see how a box with a 4 pixel #88A73E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88A73E; -webkit-box-shadow:4px 4px  
4px 4px #88A73E; box-shadow:4px 4px 4px  
4px #88A73E }
```

# Background

The CSS property to change the background color of an element to Hex 88A73E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88A73E }
```

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

```
.background{ background-color:#88A73E }
```

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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