

# Converting Colors

Hex(88E760)

Have a look what the booklet for  
Hex(88E760) contains.

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**Color**

**Hex(88E760)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	88E760
RGB	136, 231, 96
RGB Percent	53%, 91%, 38%
CMY	0.4667, 0.0941, 0.6235
CMYK	0.41, 0.00, 0.58, 0.09
HSL	102°, 74%, 64%
HSV	102°, 58%, 91%
XYZ	40.8406, 63.2306, 21.1185
YIQ	187.2050, -13.2850, -62.1250

# Conversions

## Conversions Part 2

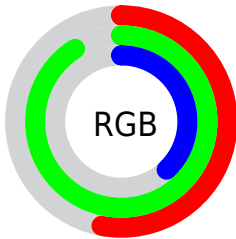
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 231, 191
Decimal	8972128
CIELab	83.56, -51.85, 55.89
CIELCh	84, 76.239, 132.853
Yxy	63.2306, 0.3262, 0.5051
Android (android.graphics.Color)	4287162208 (0xFF88E760)
YUV	187.2050, -44.9641, -44.9068
Hunter-Lab	79.5177, -47.4776, 39.9160

# Details

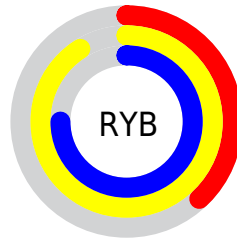
The Hex color **88E760** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **BF60E7**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **C2FF96**, and **4EAF29** is the 20% darker color. If you saturate the color by 10%, you get **78E749**, and if you desaturate by 10%, it is **98E777**.

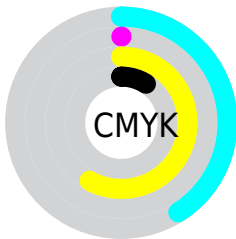
# Distribution



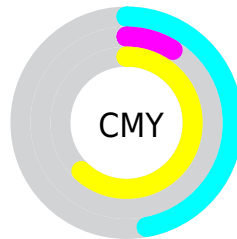
- Red (53%)
- Green (91%)
- Blue (38%)



- Red (38%)
- Yellow (91%)
- Blue (75%)



- Cyan (41%)
- Magenta (0%)
- Yellow (58%)
- Black (9%)



- Cyan (47%)
- Magenta (9%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88E760 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 88E760 by changing the saturation by 10% instead.



 88E760

FFFFFF

 C2FF96

 E0FFB2

 FEFFCF

 FFFFEC

 88E760

 6BCA45

 4EAF29

 2D9301

 007900

 005F00

 004600

 003000

 001500

 000000

 88E760

 88E760

 78E749

 98E777

 67E732

 A9E78E

 57E71B

 B9E7A5

 47E704

 C9E7BC

 44E700

 D9E7D4

 EAE7EB

 FAE7FF

 FFE7FF

# Harmonies

## Analogous

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



D9D633



88E760



00F0A3

# Triad

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



88E760



00E4FF



FF8DB4

# Complementary

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



88E760



BF60E7

# 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.



FF94FC



88E760



7DCEFF

# Square

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



88E760



00EFFF



FCB0FF



FFA172

# Rectangle

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



88E760



00F3D5



FCB0FF



FF8CCC

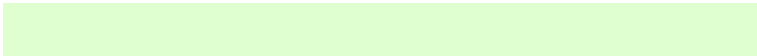


# Sweetspot

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



88E760



DFFFD1



E7BF60



6C8063



000000



808080



# Same Dimension

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



88E760



81FF4D



60E77B



6B7367



35B300



0F3300



# Inverse Universe

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



BF60E7



CA4DFF



E760CC



6F6773



7E00B3

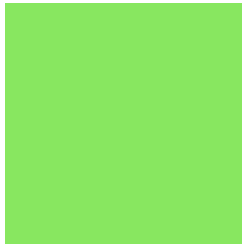


240033



# Previews

## White Background



This preview shows how the Hex color 88E760 looks on a white background.

## Color Contrast Check

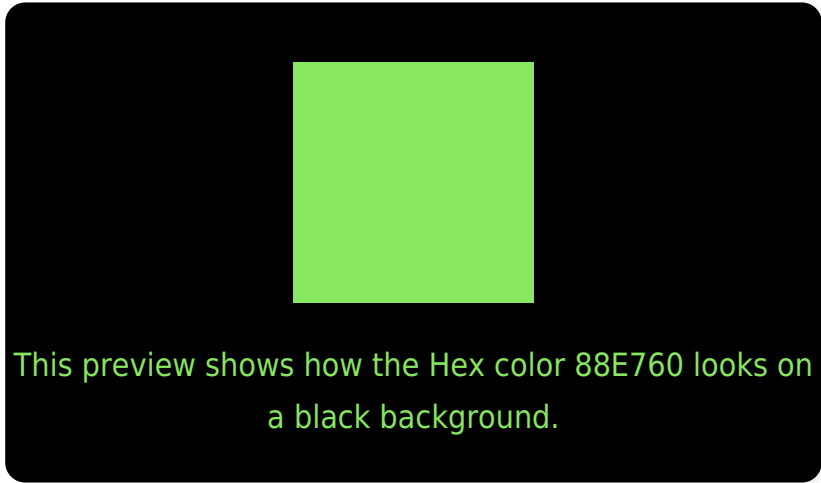
Large Text (above 18pt) WCAG AA × Fail

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 88E760 Background



This preview shows how black text looks on a background with the Hex color 88E760.

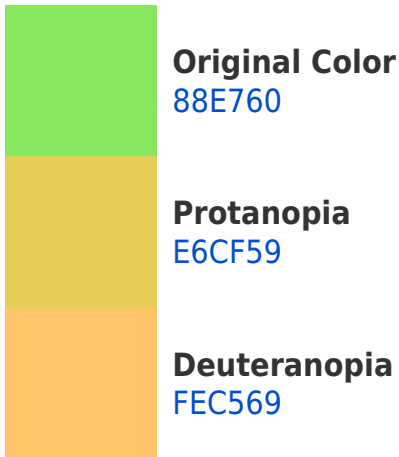


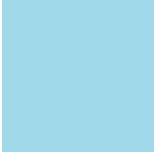
This preview shows how white text looks on a background with the Hex color 88E760.

# 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**  
9FD9EA

# Trichromacy



**Original Color**  
88E760



**Protanomaly**  
C4D85C



**Deuteranomaly**  
D3D166

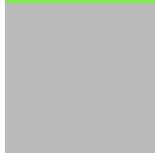


**Tritanomaly**  
97DEB8

# Monochromacy



**Original Color**  
88E760



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
A8CB9A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88E760 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 #88E760 looks like.

```
.text, #text, p{  
    color:#88E760  
}
```

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 #88E760 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88E760
}
```

## Border

The CSS property to change the border of an element to Hex 88E760 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
#88E760 }
```

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

```
.border{ border-color:#88E760 }
```

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

Here you see how a box with a 4 pixel #88E760 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88E760; -webkit-box-shadow:4px 4px  
4px 4px #88E760; box-shadow:4px 4px 4px  
4px #88E760 }
```

# Background

The CSS property to change the background color of an element to Hex 88E760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88E760 }
```

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

```
.background{ background-color:#88E760 }
```

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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