

# Converting Colors

Hex(88EE44)

Have a look what the booklet for  
Hex(88EE44) contains.

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**Color**

**Hex(88EE44)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	88EE44
RGB	136, 238, 68
RGB Percent	53%, 93%, 27%
CMY	0.4667, 0.0667, 0.7333
CMYK	0.43, 0.00, 0.71, 0.07
HSL	96°, 83%, 60%
HSV	96°, 71%, 93%
XYZ	41.7713, 66.8007, 16.1611
YIQ	188.1220, -6.2220, -74.4940

# Conversions

## Conversions Part 2

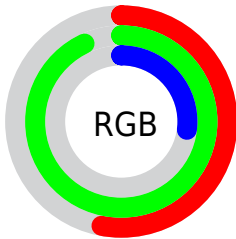
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">68, 238, 170</a>
Decimal	<a href="#">8973892</a>
CIELab	<a href="#">85.40, -56.94, 68.94</a>
CIELCh	<a href="#">85, 89.413, 129.553</a>
Yxy	<a href="#">66.8007, 0.3349, 0.5355</a>
Android (android.graphics.Color)	<a href="#">4287163972 (0xFF88EE44)</a>
YUV	<a href="#">188.1220, -59.2201, -45.7110</a>
Hunter-Lab	<a href="#">81.7317, -51.8030, 45.4886</a>

# Details

The Hex color **88EE44** is a dark color, and the websafe version is hex **99FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **AA44EE**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **C4FF7E**, and **4BB500** is the 20% darker color. If you saturate the color by 10%, you get **7AEE2C**, and if you desaturate by 10%, it is **96EE5C**.

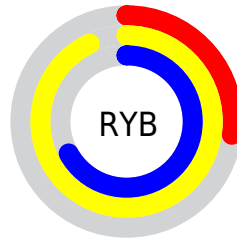
# Distribution



Red (53%)

Green (93%)

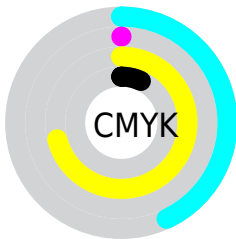
Blue (27%)



Red (27%)

Yellow (93%)

Blue (67%)

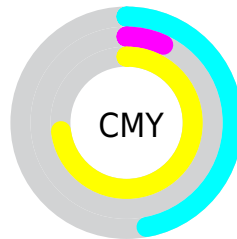


Cyan (43%)

Magenta (0%)

Yellow (71%)

Black (7%)



Cyan (47%)

Magenta (7%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88EE44 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 88EE44 by changing the saturation by 10% instead.



 88EE44

 88EE44

FFFFFF

 6AD123


 C4FF7E

 4BB500

 E2FF9A

 269A00

 FFFFB7

 007F00

 FFFFD4

 006500

 FFFFF1


 004C00

 003500

 001B00

 000000

 88EE44

 88EE44

 7AEE2C

 96EE5C

 6BEE14

 A5EE74

 5FEE00

 B3EE8B

 C1EEA3

 CFEEBB

 DEEED3

 ECREEB

 FAEEFF

 FFEEFF

# Harmonies

## Analogous

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



E5DA00



88EE44



00F997

# Triad

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



88EE44



00EEFF



FF7EBE

# Complementary

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



88EE44



AA44EE

# 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.



FF8CFF



88EE44



1ED6FF

# Square

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



88EE44



00FAFF



FBB2FF



FF976D

# Rectangle

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



88EE44



00FCD2



FBB2FF



FF7EDA

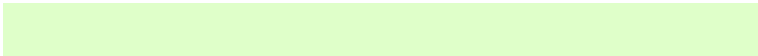


# Sweetspot

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



88EE44



DFFFC9



EEAA44



6C8060



000000



808080



# Same Dimension

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



88EE44



7BFF24



44EE55



71786C



49B800



163800



# Inverse Universe

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



AA44EE



A724FF



EE44DD



736C78



6E00B8

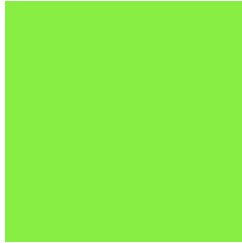


220038



# Previews

## White Background



This preview shows how the Hex color 88EE44 looks on a white background.

## Color Contrast Check

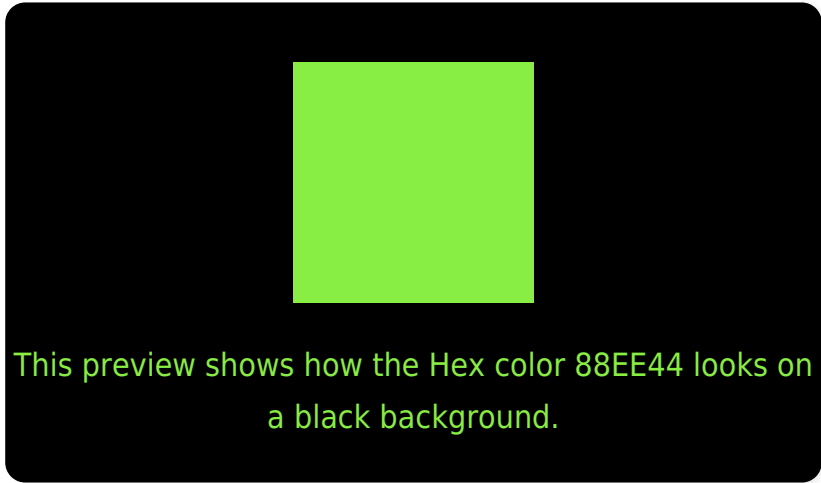
Large Text (above 18pt) WCAG AA × Fail

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 88EE44 Background



This preview shows how black text looks on a background with the Hex color 88EE44.

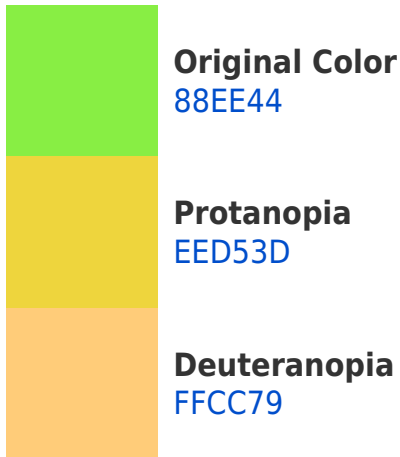


This preview shows how white text looks on a background with the Hex color 88EE44.

# 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**  
A3DEF0

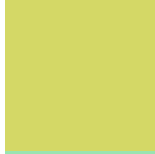
# Trichromacy



**Original Color**  
88EE44



**Protanomaly**  
C9DE40



**Deuteranomaly**  
D4D866

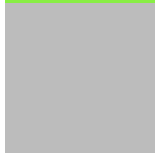


**Tritanomaly**  
99E4B1

# Monochromacy



**Original Color**  
88EE44



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
A9CE90

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88EE44 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 #88EE44 looks like.

```
.text, #text, p{  
    color:#88EE44  
}
```

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 #88EE44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88EE44
}
```

## Border

The CSS property to change the border of an element to Hex 88EE44 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
#88EE44 }
```

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

```
.border{ border-color:#88EE44 }
```

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

Here you see how a box with a 4 pixel #88EE44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88EE44; -webkit-box-shadow:4px 4px  
4px 4px #88EE44; box-shadow:4px 4px 4px  
4px #88EE44 }
```

# Background

The CSS property to change the background color of an element to Hex 88EE44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88EE44 }
```

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

```
.background{ background-color:#88EE44 }
```

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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