

Converting Colors

Hex(88EA57)

Have a look what the booklet for
Hex(88EA57) contains.

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Color

Hex(88EA57)

Conversions

Conversions Part 1

Format	Color
Hex	88EA57
RGB	136, 234, 87
RGB Percent	53%, 92%, 34%
CMY	0.4667, 0.0824, 0.6588
CMYK	0.42, 0.00, 0.63, 0.08
HSL	100°, 78%, 63%
HSV	100°, 63%, 92%
XYZ	41.2965, 64.7680, 19.3417
YIQ	187.9400, -11.2210, -66.4930

Conversions

Conversions Part 2

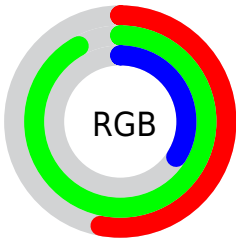
Format	Color
RYB	87, 234, 185
Decimal	8972887
CIELab	84.36, -53.90, 60.61
CIELCh	84, 81.115, 131.647
Yxy	64.7680, 0.3293, 0.5165
Android (android.graphics.Color)	4287162967 (0xFF88EA57)
YUV	187.9400, -49.7634, -45.5514
Hunter-Lab	80.4786, -49.2427, 42.0856

Details

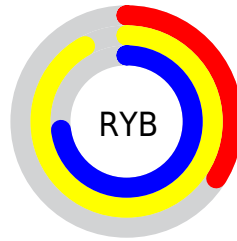
The Hex color **88EA57** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **B957EA**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **C3FF8E**, and **4DB11B** is the 20% darker color. If you saturate the color by 10%, you get **78EA40**, and if you desaturate by 10%, it is **98EA6E**.

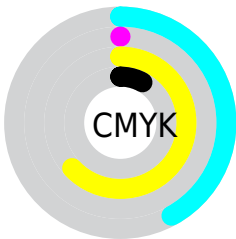
Distribution



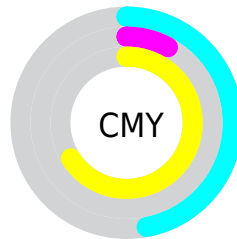
- Red (53%)
- Green (92%)
- Blue (34%)



- Red (34%)
- Yellow (92%)
- Blue (73%)



- Cyan (42%)
- Magenta (0%)
- Yellow (63%)
- Black (8%)



- Cyan (47%)
- Magenta (8%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88EA57 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 88EA57 by changing the saturation by 10% instead.

 88EA57

FFFFFF

 C3FF8E

 E0FFAA

 FFFFC7

 FFFFE4

 88EA57

 6BCD3B

 4DB11B

 2B9600

 007C00

 006200

 004900

 003200

 001800

 000000

 88EA57

 88EA57

 78EA40

 98EA6E

 69EA28

 A7EA86

 59EA11

 B7EA9D

 4EEA00

 C6EAB5

 D6EACC

 E6EAE3

 F5EAFB

 FFEAFF

Harmonies

Analogous

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



DDD822



88EA57



00F49F

Triad

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



88EA57



00E8FF



FF88B8

Complementary

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



88EA57



B957EA

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.



FF91FF



88EA57



69D1FF

Square

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



88EA57



00F4FF



FCB1FF



FF9E70

Rectangle

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



88EA57



00F6D5



FCB1FF



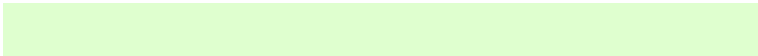
FF88D1

Sweetspot

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



88EA57



DFFFCF



EAB957



6C8062



000000



808080

Same Dimension

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



88EA57



80FF40



57EA6F



6D756A



3CB500



123600

Inverse Universe

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



B957EA



BF40FF



EA57D1



716A75



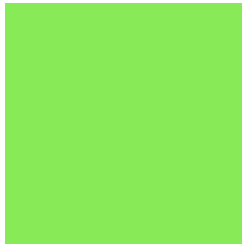
7900B5



240036

Previews

White Background



This preview shows how the Hex color 88EA57 looks on a white background.

Color Contrast Check

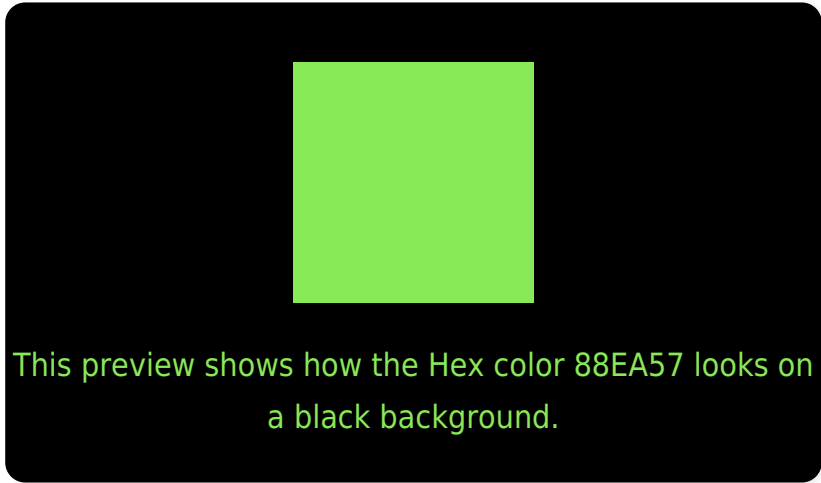
Large Text (above 18pt) WCAG AA × Fail

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 88EA57 Background



This preview shows how black text looks on a background with the Hex color 88EA57.

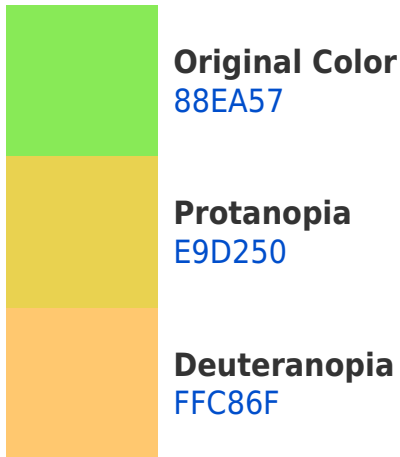


This preview shows how white text looks on a background with the Hex color 88EA57.

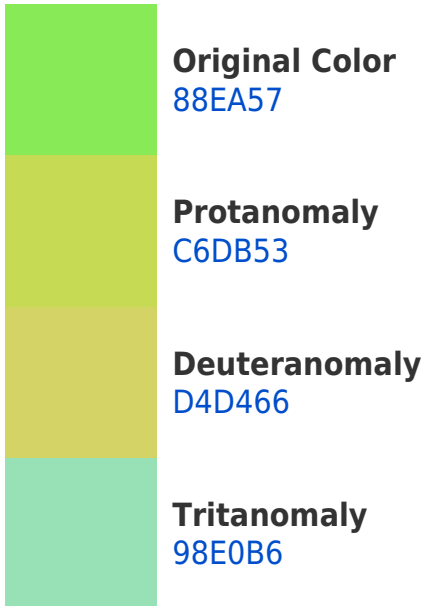
Color Blindness Simulation

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](#).

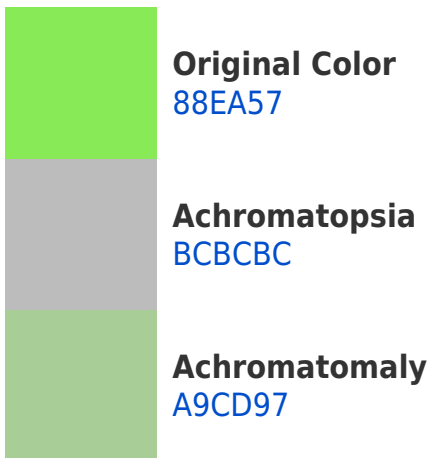
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 88EA57 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 #88EA57 looks like.

```
.text, #text, p{  
    color:#88EA57  
}
```

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 #88EA57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88EA57
}
```

Border

The CSS property to change the border of an element to Hex 88EA57 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
#88EA57 }
```

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

```
.border{ border-color:#88EA57 }
```

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

Here you see how a box with a 4 pixel #88EA57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88EA57; -webkit-box-shadow:4px 4px  
4px 4px #88EA57; box-shadow:4px 4px 4px  
4px #88EA57 }
```

Background

The CSS property to change the background color of an element to Hex 88EA57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88EA57 }
```

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

```
.background{ background-color:#88EA57 }
```

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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