

Converting Colors

Hex(88E55F)

Have a look what the booklet for
Hex(88E55F) contains.

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Color

Hex(88E55F)

Conversions

Conversions Part 1

Format	Color
Hex	88E55F
RGB	136, 229, 95
RGB Percent	53%, 90%, 37%
CMY	0.4667, 0.1020, 0.6275
CMYK	0.41, 0.00, 0.59, 0.10
HSL	102°, 72%, 64%
HSV	102°, 59%, 90%
XYZ	40.2382, 62.0991, 20.6920
YIQ	185.9170, -12.4140, -61.3900

Conversions

Conversions Part 2

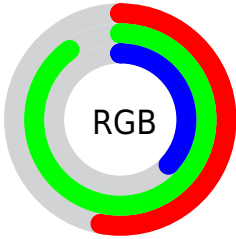
Format	Color
RYB	95, 229, 188
Decimal	8971615
CIELab	82.97, -51.14, 55.65
CIELCh	83, 75.577, 132.585
Yxy	62.0991, 0.3271, 0.5048
Android (android.graphics.Color)	4287161695 (0xFF88E55F)
YUV	185.9170, -44.8221, -43.7772
Hunter-Lab	78.8030, -46.7599, 39.5938

Details

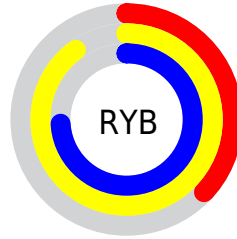
The Hex color **88E55F** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **BC5FE5**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **C2FF95**, and **4EAD28** is the 20% darker color. If you saturate the color by 10%, you get **78E548**, and if you desaturate by 10%, it is **98E576**.

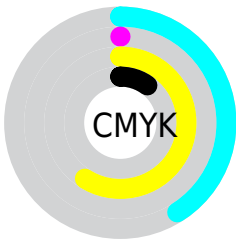
Distribution



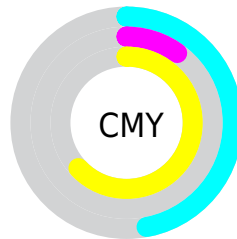
- Red (53%)
- Green (90%)
- Blue (37%)



- Red (37%)
- Yellow (90%)
- Blue (74%)



- Cyan (41%)
- Magenta (0%)
- Yellow (59%)
- Black (10%)



- Cyan (47%)
- Magenta (10%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88E55F 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 88E55F by changing the saturation by 10% instead.

 88E55F

 88E55F

FFFFFF

 6BC944

 C2FF95

 4EAD28

 E0FFB1

 2E9200

 FDFDCE

 007700

 FFFFEB

 005E00


 004500

 002F00

 001200

 000000

 88E55F

 88E55F

 78E548

 98E576

 68E531

 A8E58D

 58E51A

 B8E5A4

 48E503

 C8E5BB

 46E500

 D7E5D2

 E7E5E8

 F7E5FF

 FFE5FF

Harmonies

Analogous

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



D8D433



88E55F



00EEA1

Triad

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



88E55F



00E2FF



FF8CB3

Complementary

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



88E55F



BC5FE5

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.



FF93FB



88E55F



7BCCFF

Square

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



88E55F



00EDFF



F9AFFF



FF9F71

Rectangle

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



88E55F



00F1D3



F9AFFF



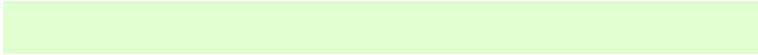
FF8BCB

Sweetspot

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



88E55F



DFFFD1



E5BB5F



6C8063



000000



808080

Same Dimension

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



88E55F



83FF4D



5FE578



6B7367



37B300



103300

Inverse Universe

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



BC5FE5



C84DFE



E55FCC



6F6773



7C00B3



230033

Previews

White Background



This preview shows how the Hex color 88E55F 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 88E55F Background



This preview shows how black text looks on a background with the Hex color 88E55F.

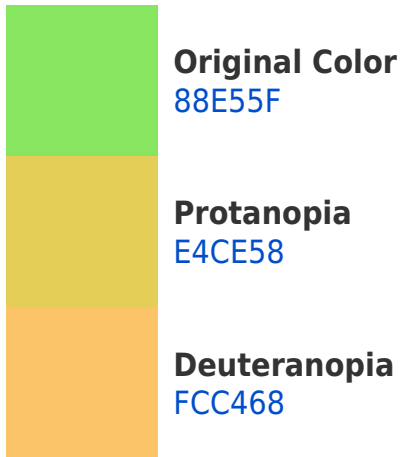


This preview shows how white text looks on a background with the Hex color 88E55F.

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
9FD7E8

Trichromacy



Original Color
88E55F



Protanomaly
C3D65B



Deuteranomaly
D2D065



Tritanomaly
97DCB6

Monochromacy



Original Color
88E55F



Achromatopsia
BABABA



Achromatomaly
A8CA99

CSS Examples

Text

The CSS property to change the color of the text to Hex 88E55F 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 #88E55F looks like.

```
.text, #text, p{  
    color:#88E55F  
}
```

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 #88E55F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88E55F
}
```

Border

The CSS property to change the border of an element to Hex 88E55F 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
#88E55F }
```

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

```
.border{ border-color:#88E55F }
```

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

Here you see how a box with a 4 pixel #88E55F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88E55F; -webkit-box-shadow:4px 4px  
4px 4px #88E55F; box-shadow:4px 4px 4px  
4px #88E55F }
```

Background

The CSS property to change the background color of an element to Hex 88E55F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88E55F }
```

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

```
.background{ background-color:#88E55F }
```

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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