

Converting Colors

Hex(E8F50F)

Have a look what the booklet for
Hex(E8F50F) contains.

| | |
|--|----|
| Hex(E8F50F) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(E8F50F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E8F50F |
| RGB | 232, 245, 15 |
| RGB Percent | 91%, 96%, 6% |
| CMY | 0.0902, 0.0392, 0.9412 |
| CMYK | 0.05, 0.00, 0.94, 0.04 |
| HSL | 63°, 92%, 51% |
| HSV | 63°, 94%, 96% |
| XYZ | 66.0173, 82.4951, 12.8956 |
| YIQ | 214.8930, 66.0820, -74.2860 |

Conversions

Conversions Part 2

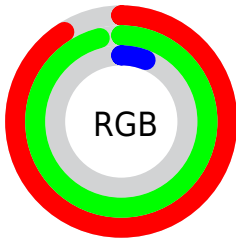
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 15, 245, 28 |
| Decimal | 15267087 |
| CIE Lab | 92.79, -26.13, 89.36 |
| CIE LCh | 93, 93.099, 106.302 |
| Yxy | 82.4951, 0.4090, 0.5111 |
| Android (android.graphics.Color) | 4293457167 (0xFFE8F50F) |
| YUV | 214.8930, -98.5472, 15.0028 |
| Hunter-Lab | 90.8268, -29.2045, 55.1608 |

Details

The Hex color **E8F50F** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light saturated yellow. A complement of this color would be **1C0FF5**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFF61**, and **ACBD00** is the 20% darker color. If you saturate the color by 10%, you get **E7F500**, and if you desaturate by 10%, it is **E9F528**.

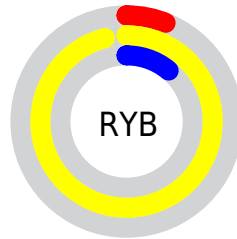
Distribution



Red (91%)

Green (96%)

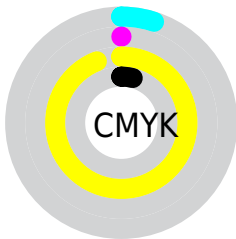
Blue (6%)



Red (6%)

Yellow (96%)

Blue (11%)

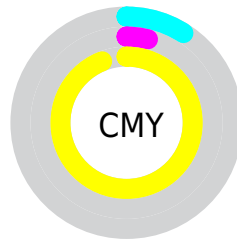


Cyan (5%)

Magenta (0%)

Yellow (94%)

Black (4%)



Cyan (9%)

Magenta (4%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color E8F50F 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 E8F50F by changing the saturation by 10% instead.

 E8F50F

 E8F50F

FFFFFF

 CAD900

 FFFF61

 ACBD00

 FFFF80

 8EA200

 FFFF9E

 718800

 FFFFBC

 546F00

 FFFFDA

 385600

 FFFFF8

 1C3F00

 002900

 001100

 E8F50F

 E8F50F

 E7F500

 E9F528

 EBF540

 ECF559

 EEF571

 EFF58A

 F0F5A2

 F2F5BB

 F3F5D3

 F4F5EC

Harmonies

Analogous

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



FFD71F



E8F50F



7CFF64

Triad

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



E8F50F



00FFFF



FF97FF

Complementary

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



E8F50F



1C0FF5

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.



FFBCFF



E8F50F



00FFFF

Square

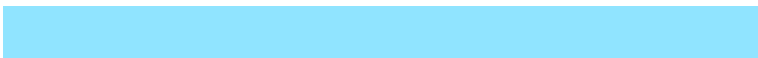
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E8F50F



00FFFF



90E4FF



FF92BD

Rectangle

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



E8F50F



00FF9E



90E4FF



FFA1FF

Sweetspot

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



E8F50F



FBFFB8



F51A0F



7D8054



000000



808080

Same Dimension

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



E8F50F



F1FF00



76F50F



7A7A6E



B0BA00



373B00

Inverse Universe

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



1C0FF5



0E00FF



8D0FF5



6F6E7A



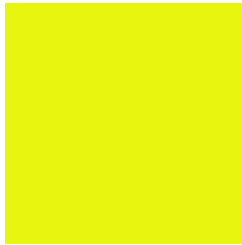
0B00BA



03003B

Previews

White Background



This preview shows how the Hex color E8F50F looks on a white background.

Color Contrast Check

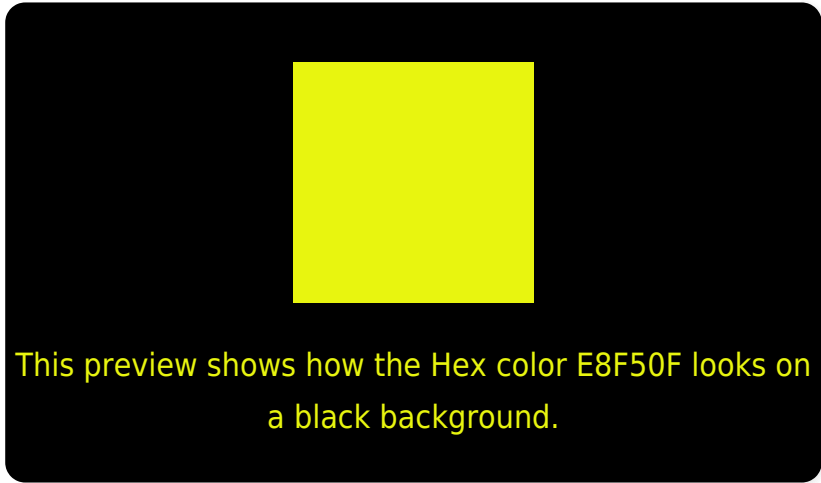
Large Text (above 18pt) WCAG AA × Fail

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 E8F50F Background



This preview shows how black text looks on a background with the Hex color E8F50F.

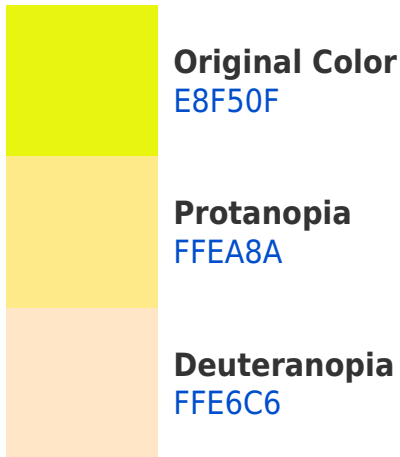


This preview shows how white text looks on a background with the Hex color E8F50F.

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](#).

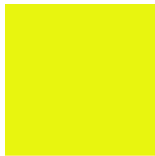
Dichromacy





Tritanopia
F9E4F6

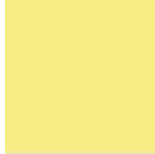
Trichromacy



Original Color
E8F50F



Protanomaly
F7EE5D



Deuteranomaly
F7EB83



Tritanomaly
F3EAA2

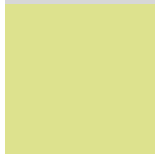
Monochromacy



Original Color
E8F50F



Achromatopsia
D7D7D7



Achromatomaly
DDE28E

CSS Examples

Text

The CSS property to change the color of the text to Hex E8F50F 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 #E8F50F looks like.

```
.text, #text, p{  
    color:#E8F50F  
}
```

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 #E8F50F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8F50F
}
```

Border

The CSS property to change the border of an element to Hex E8F50F 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
#E8F50F }
```

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

```
.border{ border-color:#E8F50F }
```

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

Here you see how a box with a 4 pixel #E8F50F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8F50F; -webkit-box-shadow:4px 4px  
4px 4px #E8F50F; box-shadow:4px 4px 4px  
4px #E8F50F }
```

Background

The CSS property to change the background color of an element to Hex E8F50F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8F50F }
```

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

```
.background{ background-color:#E8F50F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor