

Converting Colors

Hex(E5F63F)

Have a look what the booklet for
Hex(E5F63F) contains.

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Color

Hex(E5F63F)

Conversions

Conversions Part 1

Format	Color
Hex	E5F63F
RGB	229, 246, 63
RGB Percent	90%, 96%, 25%
CMY	0.1020, 0.0353, 0.7529
CMYK	0.07, 0.00, 0.74, 0.04
HSL	66°, 91%, 61%
HSV	66°, 74%, 96%
XYZ	66.1661, 82.9284, 17.2221
YIQ	220.0550, 48.6110, -60.5170

Conversions

Conversions Part 2

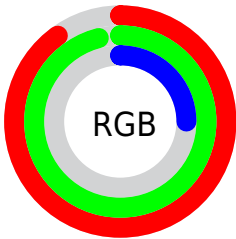
Format	Color
RYB	63, 246, 80
Decimal	15070783
CIELab	92.98, -26.62, 79.74
CIELCh	93, 84.067, 108.461
Yxy	82.9284, 0.3978, 0.4986
Android (android.graphics.Color)	4293260863 (0xFFE5F63F)
YUV	220.0550, -77.4281, 7.8448
Hunter-Lab	91.0650, -29.6693, 52.5327

Details

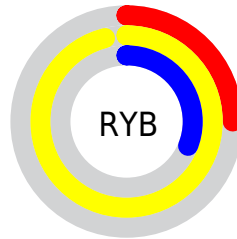
The Hex color **E5F63F** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **503FF6**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFF7C**, and **AABE00** is the 20% darker color. If you saturate the color by 10%, you get **E3F626**, and if you desaturate by 10%, it is **E7F658**.

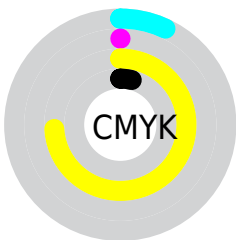
Distribution



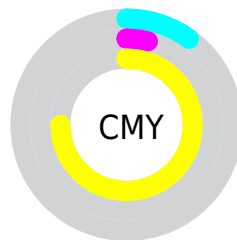
- Red (90%)
- Green (96%)
- Blue (25%)



- Red (25%)
- Yellow (96%)
- Blue (31%)



- Cyan (7%)
- Magenta (0%)
- Yellow (74%)
- Black (4%)



- Cyan (10%)
- Magenta (4%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5F63F 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 E5F63F by changing the saturation by 10% instead.

 E5F63F

 E5F63F

FFFFFF

 C7DA17

 FFFF7C

 AABE00

 FFFF99

 8CA300

 FFFFB6

 708900

 FFFFDD

 546F00

 FFFFF1

 385700

 1C3F00

 002900

 001200

 E5F63F

 E5F63F

 E3F626

 E7F658

 E0F60E

 EAF670

 DFF600

 ECF689

 EE6A1

 F0F6BA

 F3F6D3

 F5F6EB

 F7F6FF

 FAF6FF

Harmonies

Analogous

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



FFDC3E



E5F63F



83FF79

Triad

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



E5F63F



00FFFF



FFA3FF

Complementary

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



E5F63F



503FF6

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.



FFBFFF



E5F63F



00DFFF

Square

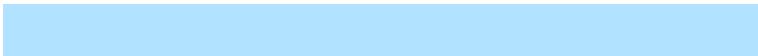
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E5F63F



00FFFF



B1E2FF



FFA1BC

Rectangle

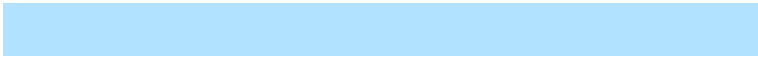
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E5F63F



00FFAC



B1E2FF



FFAAFF

Sweetspot

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



E5F63F



FAFFC7



F64E3F



7C805E



000000



808080

Same Dimension

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



E5F63F



EAFF1C



8BF63F



797A6E



A9BA00



353B00

Inverse Universe

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



503FF6



311CFF



AA3FF6



6F6E7A



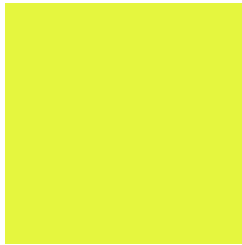
1100BA



05003B

Previews

White Background



This preview shows how the Hex color E5F63F looks on a white background.

Color Contrast Check

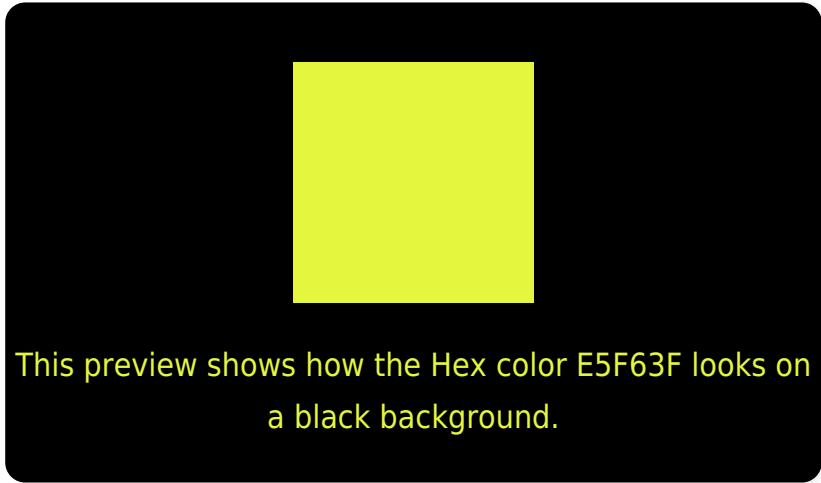
Large Text (above 18pt) WCAG AA × Fail

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 E5F63F Background



This preview shows how black text looks on a background with the Hex color E5F63F.

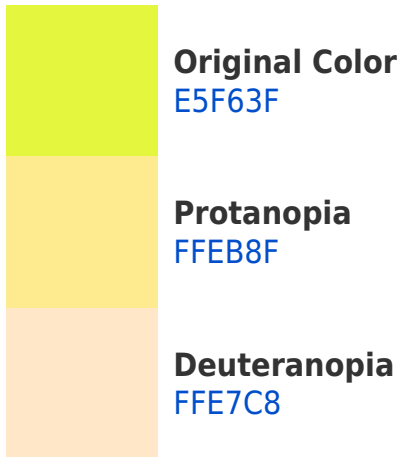


This preview shows how white text looks on a background with the Hex color E5F63F.

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](#).

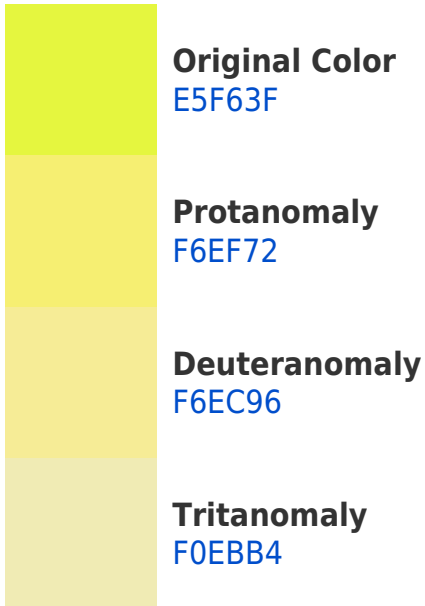
Dichromacy



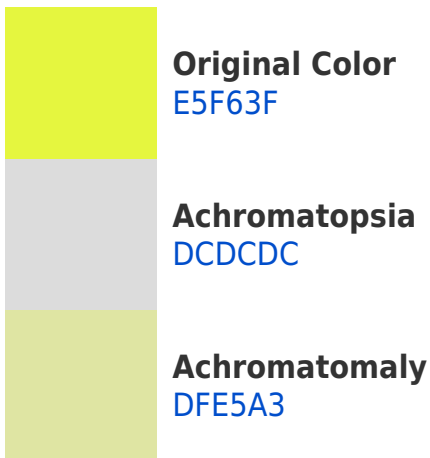


Tritanopia
F6E5F7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E5F63F 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 #E5F63F looks like.

```
.text, #text, p{  
    color:#E5F63F  
}
```

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 #E5F63F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5F63F
}
```

Border

The CSS property to change the border of an element to Hex E5F63F 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
#E5F63F }
```

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

```
.border{ border-color:#E5F63F }
```

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

Here you see how a box with a 4 pixel #E5F63F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5F63F; -webkit-box-shadow:4px 4px  
4px 4px #E5F63F; box-shadow:4px 4px 4px  
4px #E5F63F }
```

Background

The CSS property to change the background color of an element to Hex E5F63F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5F63F }
```

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

```
.background{ background-color:#E5F63F }
```

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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