

Converting Colors

Hex(58EF6E)

Have a look what the booklet for
Hex(58EF6E) contains.

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Color

Hex(58EF6E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 58EF6E |
| RGB | 88, 239, 110 |
| RGB Percent | 35%, 94%, 43% |
| CMY | 0.6549, 0.0627, 0.5686 |
| CMYK | 0.63, 0.00, 0.54, 0.06 |
| HSL | 129°, 83%, 64% |
| HSV | 129°, 63%, 94% |
| XYZ | 37.7055, 64.9335, 25.2980 |
| YIQ | 179.1450, -48.5870, -72.1310 |

Conversions

Conversions Part 2

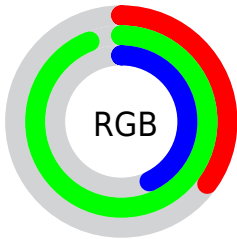
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 88, 220, 239 |
| Decimal | 5828462 |
| CIELab | 84.45, -65.58, 50.24 |
| CIELCh | 84, 82.613, 142.548 |
| Yxy | 64.9335, 0.2947, 0.5075 |
| Android (android.graphics.Color) | 4284018542 (0xFF58EF6E) |
| YUV | 179.1450, -34.0885, -79.9342 |
| Hunter-Lab | 80.5813, -57.4939, 37.7932 |

Details

The Hex color **58EF6E** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **EF58D9**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **98FFA4**, and **00B639** is the 20% darker color. If you saturate the color by 10%, you get **40EF5A**, and if you desaturate by 10%, it is **70EF82**.

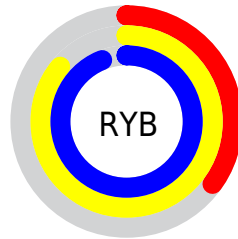
Distribution



Red (35%)

Green (94%)

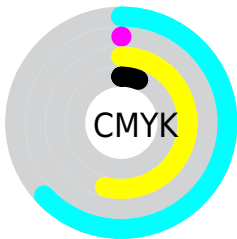
Blue (43%)



Red (35%)

Yellow (86%)

Blue (94%)

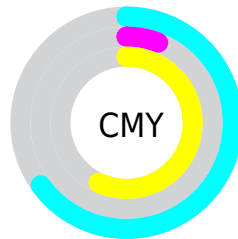


Cyan (63%)

Magenta (0%)

Yellow (54%)

Black (6%)



Cyan (65%)

Magenta (6%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58EF6E 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 58EF6E by changing the saturation by 10% instead.

 58EF6E

 58EF6E

FFFFFF

 32D254

 98FFA4

 00B639

 B7FFC0

 009A1D

 D5FFDD

 007F00

 F4FFFA

 006400

 004B00

 003400

 001800

 000000

 58EF6E

 58EF6E

 40EF5A

 70EF82

 28EF45

 88EF97

 10EF31

 A0EFAB

 00EF23

 B8EFC0

 CFEFD4

 E7EFE9

 FFEFFD

 FFEFFF

Harmonies

Analogous

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



C1E02D



58EF6E



00F6BC

Triad

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



58EF6E



00E2FF



FF8C9C

Complementary

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



58EF6E



EF58D9

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.



FF88EA



58EF6E



ADC6FF

Square

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



58EF6E



00F1FF



FFA3FF



FFA857

Rectangle

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



58EF6E



00F8F2



FFA3FF



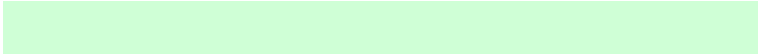
FF87B5

Sweetspot

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



58EF6E



CFFFD6



DBEF58



628066



000000



808080

Same Dimension

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



58EF6E



3DFF59



58EFB8



6C786E



00B81B



003808

Inverse Universe

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



EF58D9



FF3DE3



EF588F



786C76



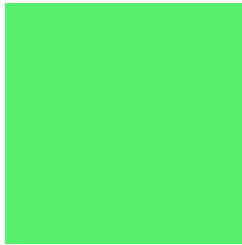
B8009D



380030

Previews

White Background



This preview shows how the Hex color 58EF6E looks on a white background.

Color Contrast Check

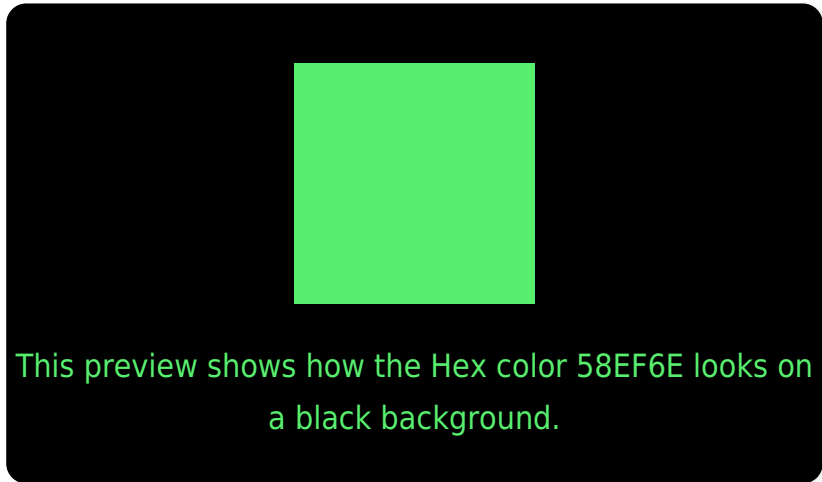
Large Text (above 18pt) WCAG AA × Fail

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

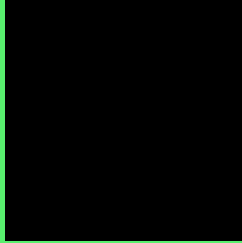
Any Text WCAG AA ✓ Pass

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 58EF6E Background



This preview shows how black text looks on a background with the Hex color 58EF6E.

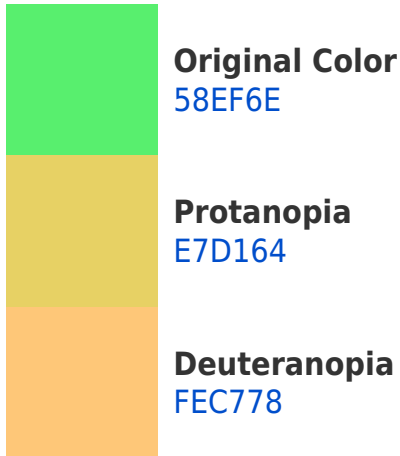


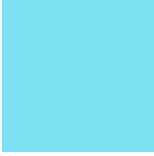
This preview shows how white text looks on a background with the Hex color 58EF6E.

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](#).

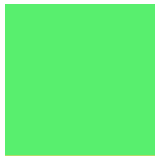
Dichromacy





Tritanopia
7CE1F3

Trichromacy



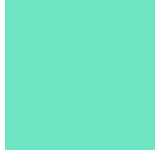
Original Color
58EF6E



Protanomaly
B3DC68



Deuteranomaly
C2D674



Tritanomaly
6FE6C3

Monochromacy



Original Color
58EF6E



Achromatopsia
B3B3B3



Achromatomaly
92C99A

CSS Examples

Text

The CSS property to change the color of the text to Hex 58EF6E 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 #58EF6E looks like.

```
.text, #text, p{  
    color:#58EF6E  
}
```

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 #58EF6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58EF6E
}
```

Border

The CSS property to change the border of an element to Hex 58EF6E 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
#58EF6E }
```

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

```
.border{ border-color:#58EF6E }
```

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

Here you see how a box with a 4 pixel #58EF6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58EF6E; -webkit-box-shadow:4px 4px  
4px 4px #58EF6E; box-shadow:4px 4px 4px  
4px #58EF6E }
```

Background

The CSS property to change the background color of an element to Hex 58EF6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58EF6E }
```

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

```
.background{ background-color:#58EF6E }
```

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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