

Converting Colors

Hex(58F361)

Have a look what the booklet for
Hex(58F361) contains.

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Color

Hex(58F361)

Conversions

Conversions Part 1

Format	Color
Hex	58F361
RGB	88, 243, 97
RGB Percent	35%, 95%, 38%
CMY	0.6549, 0.0471, 0.6196
CMYK	0.64, 0.00, 0.60, 0.05
HSL	123°, 87%, 65%
HSV	123°, 64%, 95%
XYZ	38.2328, 67.0390, 22.2340
YIQ	180.0110, -45.5140, -78.2660

Conversions

Conversions Part 2

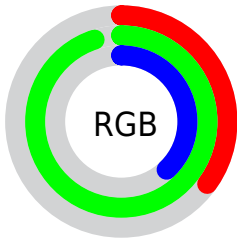
Format	Color
RYB	88, 234, 243
Decimal	5829473
CIELab	85.52, -68.51, 57.27
CIELCh	86, 89.291, 140.108
Yxy	67.0390, 0.2999, 0.5258
Android (android.graphics.Color)	4284019553 (0xFF58F361)
YUV	180.0110, -40.9244, -80.6936
Hunter-Lab	81.8773, -59.9344, 41.2138

Details

The Hex color **58F361** 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 **F358EA**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **99FF98**, and **00B929** is the 20% darker color. If you saturate the color by 10%, you get **40F34A**, and if you desaturate by 10%, it is **70F378**.

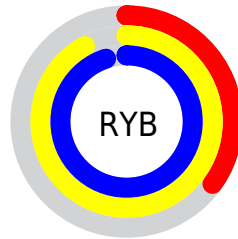
Distribution



Red (35%)

Green (95%)

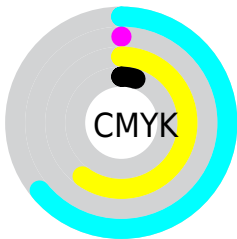
Blue (38%)



Red (35%)

Yellow (92%)

Blue (95%)

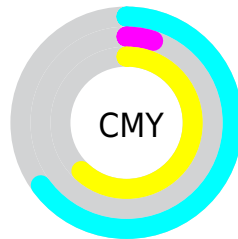


Cyan (64%)

Magenta (0%)

Yellow (60%)

Black (5%)



Cyan (65%)

Magenta (5%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58F361 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 58F361 by changing the saturation by 10% instead.

 58F361

 58F361

FFFFFF

 30D646

 99FF98

 00B929

 B8FFB4

 009E00

 D7FFD0

 008200

 F6FFEE

 006800

 004E00

 003700

 001C00

 000000

 58F361

 58F361

 40F34A

 70F378

 27F333

 89F38F

 0FF31C

 A1F3A6

 00F30E

 B9F3BD

 D1F3D3

 EAF3EA

 FFF3FF

Harmonies

Analogous

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



C8E303



58F361



00FBB6

Triad

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



58F361



00E8FF



FF84A1

Complementary

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



58F361



F358EA

Split Complementary

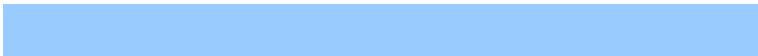
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF83F6



58F361



9ACBFF

Square

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



58F361



00F7FF



FFA4FF



FFA454

Rectangle

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



58F361



00DF1



FFA4FF



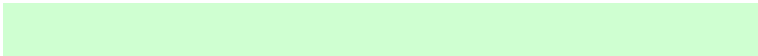
FF7FBD

Sweetspot

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



58F361



CFFFD1



EBF358



628064



000000



808080

Same Dimension

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



58F361



3BFF46



58F3AD



6E7A6F



00BA0B



003B03

Inverse Universe

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



F358EA



FF3BF4



F3589E



7A6E7A



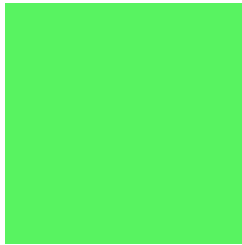
BA00AF



3B0037

Previews

White Background



This preview shows how the Hex color 58F361 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



This preview shows how the Hex color 58F361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

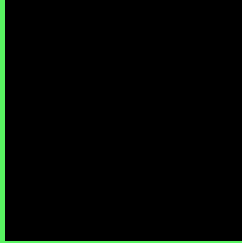
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

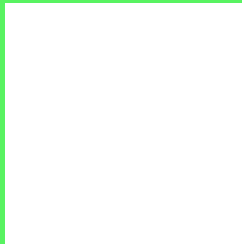
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 58F361 Background



This preview shows how black text looks on a background with the Hex color 58F361.

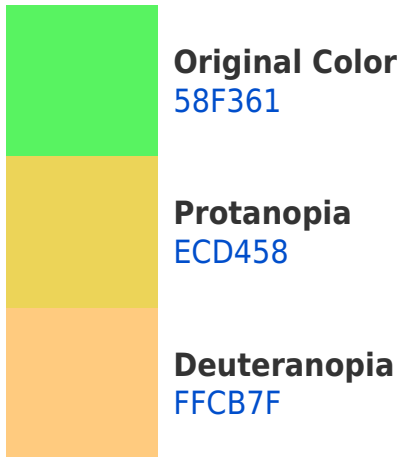


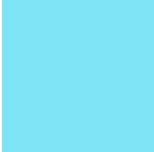
This preview shows how white text looks on a background with the Hex color 58F361.

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
7FE4F6

Trichromacy



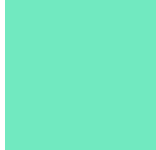
Original Color
58F361



Protanomaly
B6DF5B

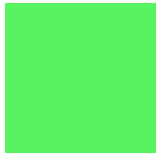


Deuteranomaly
C2DA74

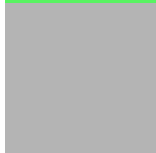


Tritanomaly
71E9C0

Monochromacy



Original Color
58F361



Achromatopsia
B4B4B4



Achromatomaly
93CB96

CSS Examples

Text

The CSS property to change the color of the text to Hex 58F361 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 #58F361 looks like.

```
.text, #text, p{  
    color:#58F361  
}
```

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 #58F361 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58F361
}
```

Border

The CSS property to change the border of an element to Hex 58F361 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
#58F361 }
```

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

```
.border{ border-color:#58F361 }
```

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

Here you see how a box with a 4 pixel #58F361 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58F361; -webkit-box-shadow:4px 4px  
4px 4px #58F361; box-shadow:4px 4px 4px  
4px #58F361 }
```

Background

The CSS property to change the background color of an element to Hex 58F361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58F361 }
```

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

```
.background{ background-color:#58F361 }
```

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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