

# Converting Colors

Hex(58FA5D)

Have a look what the booklet for  
Hex(58FA5D) contains.

<b>Hex(58FA5D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(58FA5D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58FA5D
RGB	88, 250, 93
RGB Percent	35%, 98%, 36%
CMY	0.6549, 0.0196, 0.6353
CMYK	0.65, 0.00, 0.63, 0.02
HSL	122°, 94%, 66%
HSV	122°, 65%, 98%
XYZ	40.1859, 71.2362, 21.9879
YIQ	183.6640, -46.1550, -83.1710

# Conversions

## Conversions Part 2

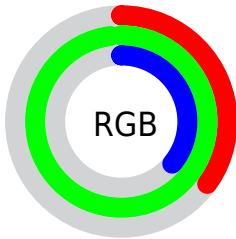
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 245, 250
Decimal	5831261
CIELab	87.60, -71.28, 61.28
CIELCh	88, 93.999, 139.312
Yxy	71.2362, 0.3012, 0.5340
Android (android.graphics.Color)	4284021341 (0xFF58FA5D)
YUV	183.6640, -44.6974, -83.8973
Hunter-Lab	84.4016, -62.7140, 43.6352

# Details

The Hex color **58FA5D** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted green. A complement of this color would be **FA58F5**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **9AFF94**, and **00C022** is the 20% darker color. If you saturate the color by 10%, you get **3FFA45**, and if you desaturate by 10%, it is **71FA75**.

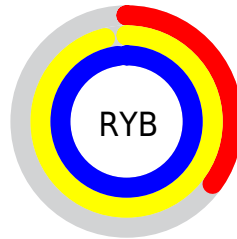
# Distribution



Red (35%)

Green (98%)

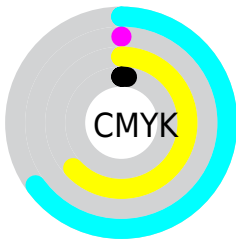
Blue (36%)



Red (35%)

Yellow (96%)

Blue (98%)

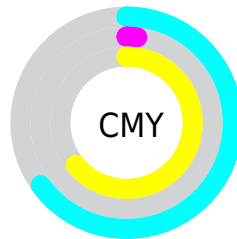


Cyan (65%)

Magenta (0%)

Yellow (63%)

Black (2%)



Cyan (65%)

Magenta (2%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58FA5D 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 58FA5D by changing the saturation by 10% instead.



 58FA5D

 58FA5D

FFFFFF

 2EDD41

 9AFF94

 00C022

 BAFFB1

 00A400

 D9FFCD

 008900

 F8FFEB

 006E00

 005400

 003C00

 002200

 000000

 58FA5D

 58FA5D

 3FFA45

 71FA75

 26FA2D

 8AFA8D

 0DFA14

 A3FAA6

 00FA08

 BCFABE

 D5FAD6

 EEFAEE

 FFFAFF

# Harmonies

## Analogous

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



CFE900



58FA5D



00FFB7

# Triad

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



58FA5D



00EFFF



FF82A6

# Complementary

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



58FA5D



FA58F5

# 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.



FF83FF



58FA5D



93D2FF

# Square

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



58FA5D



00FFFF



FFA8FF



FFA554

# Rectangle

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



58FA5D



00FFF6



FFA8FF



FF7DC4

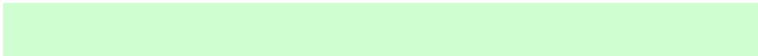


# Sweetspot

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



58FA5D



CFFFD0



F7FA58



628063



000000



808080



# Same Dimension

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



58FA5D



38FF3E



58FAAC



707D71



00BD06



003D02



# Inverse Universe

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



FA58F5



FF38F9



FA58A6



7D707D



BD00B7

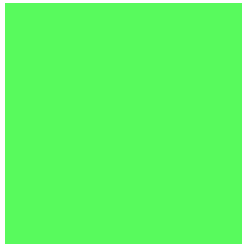


3D003B



# Previews

## White Background



This preview shows how the Hex color 58FA5D 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 58FA5D 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

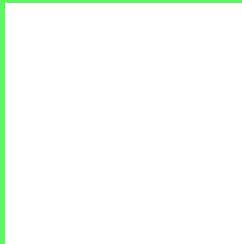
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 58FA5D Background



This preview shows how black text looks on a background with the Hex color 58FA5D.

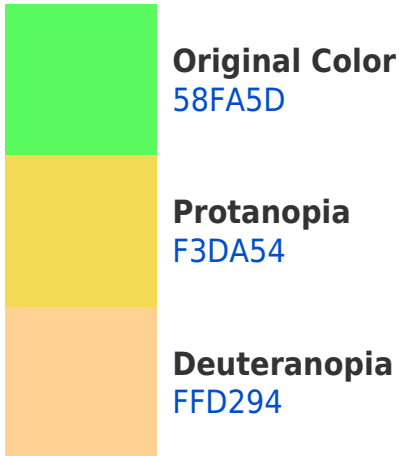


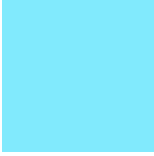
This preview shows how white text looks on a background with the Hex color 58FA5D.

# 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](#).

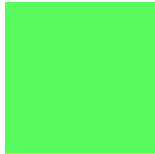
## Dichromacy



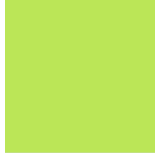


**Tritanopia**  
81EAFD

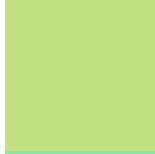
# Trichromacy



**Original Color**  
58FA5D



**Protanomaly**  
BBE657



**Deuteranomaly**  
C2E180



**Tritanomaly**  
72F0C3

# Monochromacy



**Original Color**  
58FA5D



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
95D097

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58FA5D 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 #58FA5D looks like.

```
.text, #text, p{  
    color:#58FA5D  
}
```

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 #58FA5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58FA5D
}
```

## Border

The CSS property to change the border of an element to Hex 58FA5D 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
#58FA5D }
```

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

```
.border{ border-color:#58FA5D }
```

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

Here you see how a box with a 4 pixel #58FA5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58FA5D; -webkit-box-shadow:4px 4px  
4px 4px #58FA5D; box-shadow:4px 4px 4px  
4px #58FA5D }
```

# Background

The CSS property to change the background color of an element to Hex 58FA5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58FA5D }
```

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

```
.background{ background-color:#58FA5D }
```

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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