

# Converting Colors

Hex(57F371)

Have a look what the booklet for  
Hex(57F371) contains.

<b>Hex(57F371)</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(57F371)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57F371
RGB	87, 243, 113
RGB Percent	34%, 95%, 44%
CMY	0.6588, 0.0471, 0.5569
CMYK	0.64, 0.00, 0.53, 0.05
HSL	130°, 87%, 65%
HSV	130°, 64%, 95%
XYZ	38.9617, 67.3197, 26.5633
YIQ	181.5360, -51.2460, -73.5020

# Conversions

## Conversions Part 2

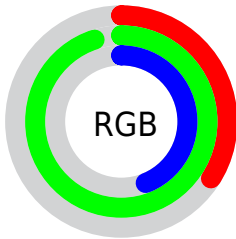
Format	Color
<a href="#">RYB</a>	<a href="#">87, 221, 243</a>
Decimal	<a href="#">5763953</a>
CIELab	<a href="#">85.67, -66.79, 50.32</a>
CIELCh	<a href="#">86, 83.620, 143.007</a>
Yxy	<a href="#">67.3197, 0.2933, 0.5068</a>
Android (android.graphics.Color)	<a href="#">4283954033</a> ( <a href="#">0xFF57F371</a> )
YUV	<a href="#">181.5360, -33.7882, -82.9081</a>
Hunter-Lab	<a href="#">82.0486, -58.8222, 38.2388</a>

# Details

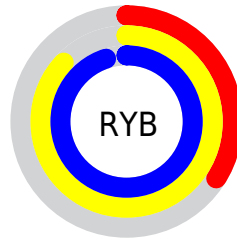
The Hex color **57F371** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted spring green. A complement of this color would be **F357D9**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **98FFA7**, and **00B93C** is the 20% darker color. If you saturate the color by 10%, you get **3FF35D**, and if you desaturate by 10%, it is **6FF385**.

# Distribution



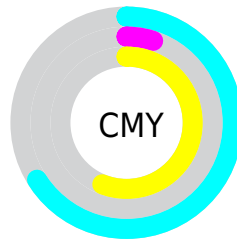
- Red (34%)
- Green (95%)
- Blue (44%)



- Red (34%)
- Yellow (87%)
- Blue (95%)



- Cyan (64%)
- Magenta (0%)
- Yellow (53%)
- Black (5%)



- Cyan (66%)
- Magenta (5%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57F371 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 57F371 by changing the saturation by 10% instead.



 57F371

 57F371

FFFFFF

 2FD657


 98FFA7

 00B93C

 B7FFC3

 009E20

 D5FFE0

 008200

 F4FFFD

 006800

 004E00

 003700

 001C00

 000000

 57F371

 57F371

 3FF35D

 6FF385

 26F348

 88F399

 0EF334

 A0F3AE

 00F328

 B8F3C2

 D0F3D6

 E9F3EA

 FFF3FF

# Harmonies

## Analogous

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



C3E42E



57F371



00FAC0

# Triad

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



57F371



00E5FF



FF8E9D

# Complementary

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



57F371



F357D9

# 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.



FF8AEC



57F371



B3C9FF

# Square

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



57F371



00F5FF



FFA6FF



FFAC57

# Rectangle

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



57F371



00FCF7



FFA6FF



FF89B7

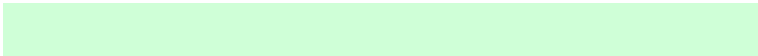


# Sweetspot

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



57F371



CFFFD7



D9F357



628067



000000



808080



# Same Dimension

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



57F371



3BFF5B



57F3BF



6E7A70



00BA1F



003B0A



# Inverse Universe

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



F357D9



FF3BDE



F3578B



7A6E78



BA009B



3B0031



# Previews

## White Background



This preview shows how the Hex color 57F371 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

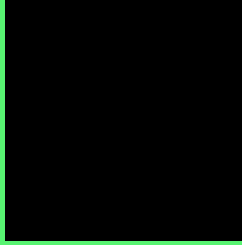
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 57F371 Background



This preview shows how black text looks on a background with the Hex color 57F371.

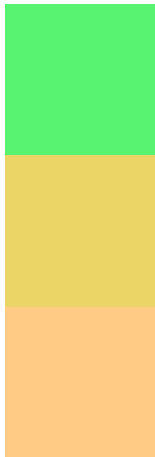


This preview shows how white text looks on a background with the Hex color 57F371.

# 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](#).

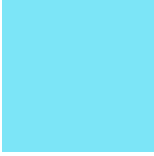
## Dichromacy



**Original Color**  
57F371

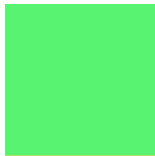
**Protanopia**  
EBD567

**Deuteranopia**  
FFCB85



**Tritanopia**  
7CE5F7

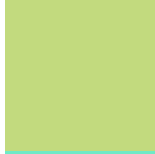
# Trichromacy



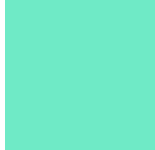
**Original Color**  
57F371



**Protanomaly**  
B5E06B



**Deuteranomaly**  
C2DA7E

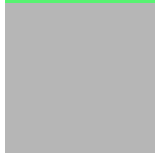


**Tritanomaly**  
6FEAC6

# Monochromacy



**Original Color**  
57F371



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
93CC9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57F371 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 #57F371 looks like.

```
.text, #text, p{  
    color:#57F371  
}
```

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 #57F371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57F371
}
```

## Border

The CSS property to change the border of an element to Hex 57F371 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
#57F371 }
```

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

```
.border{ border-color:#57F371 }
```

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

Here you see how a box with a 4 pixel #57F371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57F371; -webkit-box-shadow:4px 4px  
4px 4px #57F371; box-shadow:4px 4px 4px  
4px #57F371 }
```

# Background

The CSS property to change the background color of an element to Hex 57F371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57F371 }
```

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

```
.background{ background-color:#57F371 }
```

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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