

Converting Colors

Hex(57FF61)

Have a look what the booklet for
Hex(57FF61) contains.

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Color

Hex(57FF61)

Conversions

Conversions Part 1

Format	Color
Hex	57FF61
RGB	87, 255, 97
RGB Percent	34%, 100%, 38%
CMY	0.6588, 0.0000, 0.6196
CMYK	0.66, 0.00, 0.62, 0.00
HSL	124°, 100%, 67%
HSV	124°, 66%, 100%
XYZ	41.8481, 74.4093, 23.4661
YIQ	186.7560, -49.4100, -84.7540

Conversions

Conversions Part 2

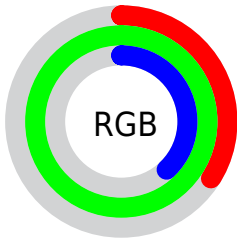
Format	Color
RYB	87, 246, 255
Decimal	5767009
CIELab	89.12, -72.71, 61.32
CIELCh	89, 95.114, 139.854
Yxy	74.4093, 0.2995, 0.5325
Android (android.graphics.Color)	4283957089 (0xFF57FF61)
YUV	186.7560, -44.2497, -87.4860
Hunter-Lab	86.2608, -64.3598, 44.2536

Details

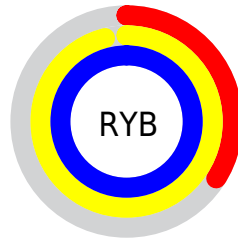
The Hex color **57FF61** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **FF57F5**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **9AFF99**, and **00C527** is the 20% darker color. If you saturate the color by 10%, you get **3EFF49**, and if you desaturate by 10%, it is **71FF79**.

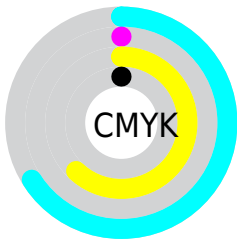
Distribution



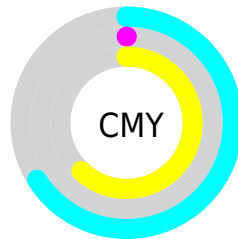
- Red (34%)
- Green (100%)
- Blue (38%)



- Red (34%)
- Yellow (96%)
- Blue (100%)



- Cyan (66%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)



- Cyan (66%)
- Magenta (0%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57FF61 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 57FF61 by changing the saturation by 10% instead.

 57FF61

 57FF61

FFFFFF

 2BE245

 9AFF99

 00C527

 BAFFB5

 00A900

 D9FFD2

 008D00

 F9FFE9

 007200

 005800

 003F00

 002600

 000000

 57FF61

 57FF61

 3EFF49

 71FF79

 24FF31

 8AFF91

 0BFF19

 A4FFA9

 00FF0F

 BDFFC1

 D7FFD9

 F0FFF1

FFFFFF

Harmonies

Analogous

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



D1EE00



57FF61



00FFBD

Triad

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



57FF61



00F4FF



FF86A8

Complementary

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



57FF61



FF57F5

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.



FF85FF



57FF61



9BD5FF

Square

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



57FF61



00FFFF



FFABFF



FFAA55

Rectangle

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



57FF61



00FFFC



FFABFF



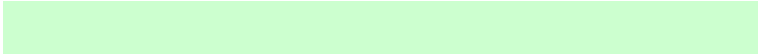
FF80C6

Sweetspot

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



57FF61



CCFFCF



F7FF57



618063



000000



808080

Same Dimension

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



57FF61



36FF42



57FFB3



738074



00BF0B



004004

Inverse Universe

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



FF57F5



FF36F3



FF57A3



80737F



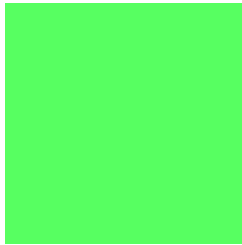
BF00B4



40003C

Previews

White Background



This preview shows how the Hex color 57FF61 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 57FF61 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 57FF61 Background



This preview shows how black text looks on a background with the Hex color 57FF61.

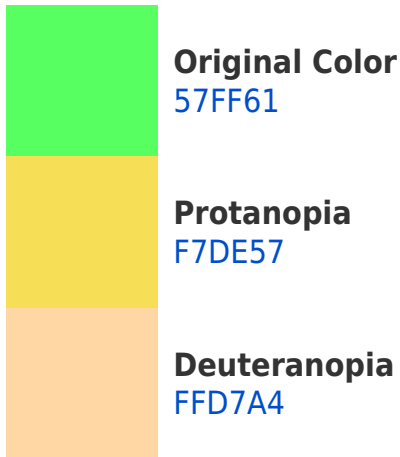


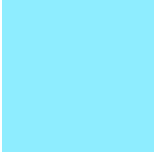
This preview shows how white text looks on a background with the Hex color 57FF61.

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](#).

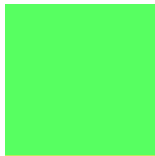
Dichromacy



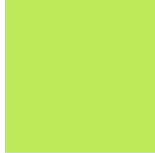


Tritanopia
8EEDFF

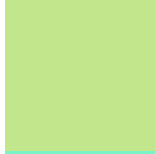
Trichromacy



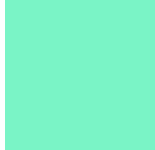
Original Color
57FF61



Protanomaly
BDEA5B

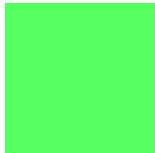


Deuteranomaly
C2E68C

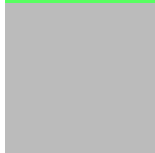


Tritanomaly
7AF4C6

Monochromacy



Original Color
57FF61



Achromatopsia
BBBBBB



Achromatomaly
97D49A

CSS Examples

Text

The CSS property to change the color of the text to Hex 57FF61 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 #57FF61 looks like.

```
.text, #text, p{  
    color:#57FF61  
}
```

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 #57FF61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57FF61
}
```

Border

The CSS property to change the border of an element to Hex 57FF61 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
#57FF61 }
```

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

```
.border{ border-color:#57FF61 }
```

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

Here you see how a box with a 4 pixel #57FF61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57FF61; -webkit-box-shadow:4px 4px  
4px 4px #57FF61; box-shadow:4px 4px 4px  
4px #57FF61 }
```

Background

The CSS property to change the background color of an element to Hex 57FF61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57FF61 }
```

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

```
.background{ background-color:#57FF61 }
```

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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