

Converting Colors

Hex(57FF66)

Have a look what the booklet for
Hex(57FF66) contains.

Hex(57FF66)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(57FF66)

Conversions

Conversions Part 1

Format	Color
Hex	57FF66
RGB	87, 255, 102
RGB Percent	34%, 100%, 40%
CMY	0.6588, 0.0000, 0.6000
CMYK	0.66, 0.00, 0.60, 0.00
HSL	125°, 100%, 67%
HSV	125°, 66%, 100%
XYZ	42.0888, 74.5055, 24.7331
YIQ	187.3260, -51.0150, -83.1990

Conversions

Conversions Part 2

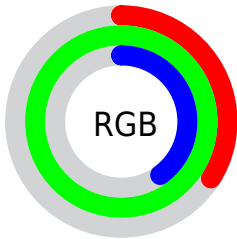
Format	Color
RYB	87, 241, 255
Decimal	5767014
CIELab	89.16, -72.17, 59.28
CIELCh	89, 93.398, 140.601
Yxy	74.5055, 0.2978, 0.5272
Android (android.graphics.Color)	4283957094 (0xFF57FF66)
YUV	187.3260, -42.0657, -87.9859
Hunter-Lab	86.3166, -64.0158, 43.4327

Details

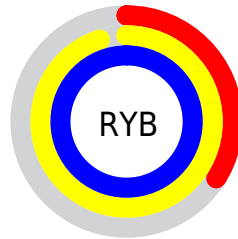
The Hex color **57FF66** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **FF57F0**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **9AFF9D**, and **00C52D** is the 20% darker color. If you saturate the color by 10%, you get **3EFF4F**, and if you desaturate by 10%, it is **71FF7D**.

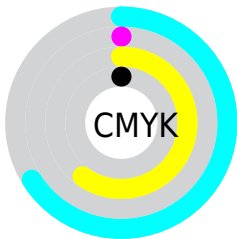
Distribution



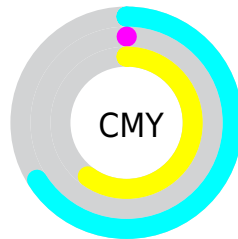
- Red (34%)
- Green (100%)
- Blue (40%)



- Red (34%)
- Yellow (95%)
- Blue (100%)



- Cyan (66%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (66%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57FF66 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 57FF66 by changing the saturation by 10% instead.

 57FF66

 57FF66

FFFFFF

 2CE24A

 9AFF9D

 00C52D

 BAFFBA

 00A904

 D9FFD6

 008D00

 F8FFF4

 007200

 005800

 003F00

 002600

 000000

 57FF66

 57FF66

 3EFF4F

 71FF7D

 24FF38

 8AFF94

 0BFF20

 A4FFAC

 00FF17

 BDFFC3

 D7FFDA

 F0FFF1

FFFFFF

Harmonies

Analogous

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



D0EE00



57FF66



00FFC0

Triad

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



57FF66



00F3FF



FF89A7

Complementary

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



57FF66



FF57F0

Split Complementary

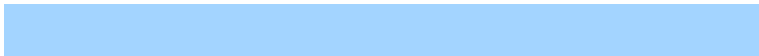
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF88FF



57FF66



A3D4FF

Square

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



57FF66



00FFFF



FFABFF



FFAC56

Rectangle

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



57FF66



00FFFE



FFABFF



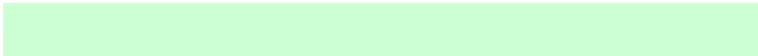
FF84C4

Sweetspot

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



57FF66



CCFFD1



F1FF57



618064



000000



808080

Same Dimension

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



57FF66



36FF48



57FFB9



738074



00BF11



004006

Inverse Universe

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



FF57F0



FF36ED



FF579D



80737E



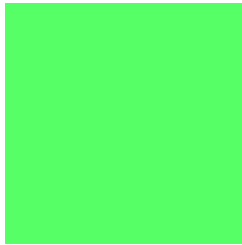
BF00AE



40003A

Previews

White Background



This preview shows how the Hex color 57FF66 looks on a white background.

Color Contrast Check

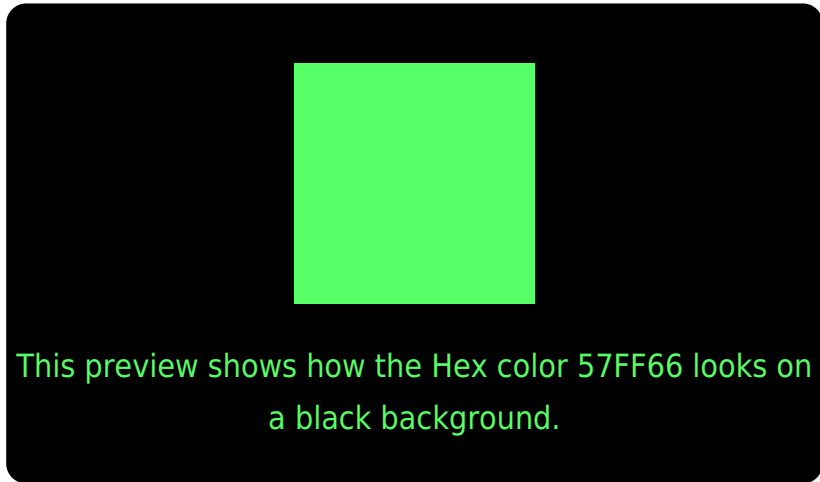
Large Text (above 18pt) WCAG AA × Fail

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 57FF66 Background



This preview shows how black text looks on a background with the Hex color 57FF66.

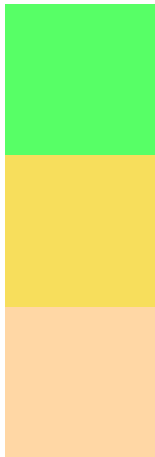


This preview shows how white text looks on a background with the Hex color 57FF66.

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](#).

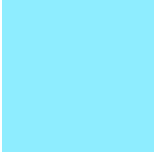
Dichromacy



Original Color
57FF66

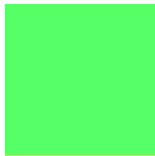
Protanopia
F7DE5C

Deuteranopia
FFD7A5



Tritanopia
8EEDFF

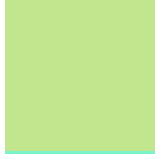
Trichromacy



Original Color
57FF66



Protanomaly
BDEA60

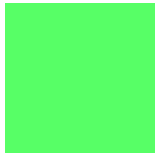


Deuteranomaly
C2E68E

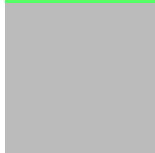


Tritanomaly
7AF4C7

Monochromacy



Original Color
57FF66



Achromatopsia
BBBBBB



Achromatomaly
97D49C

CSS Examples

Text

The CSS property to change the color of the text to Hex 57FF66 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 #57FF66 looks like.

```
.text, #text, p{  
    color:#57FF66  
}
```

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 #57FF66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57FF66
}
```

Border

The CSS property to change the border of an element to Hex 57FF66 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
#57FF66 }
```

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

```
.border{ border-color:#57FF66 }
```

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

Here you see how a box with a 4 pixel #57FF66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57FF66; -webkit-box-shadow:4px 4px  
4px 4px #57FF66; box-shadow:4px 4px 4px  
4px #57FF66 }
```

Background

The CSS property to change the background color of an element to Hex 57FF66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57FF66 }
```

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

```
.background{ background-color:#57FF66 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor