

Converting Colors

Hex(57FF64)

Have a look what the booklet for
Hex(57FF64) contains.

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Color

Hex(57FF64)

Conversions

Conversions Part 1

Format	Color
Hex	57FF64
RGB	87, 255, 100
RGB Percent	34%, 100%, 39%
CMY	0.6588, 0.0000, 0.6078
CMYK	0.66, 0.00, 0.61, 0.00
HSL	125°, 100%, 67%
HSV	125°, 66%, 100%
XYZ	41.9907, 74.4663, 24.2169
YIQ	187.0980, -50.3730, -83.8210

Conversions

Conversions Part 2

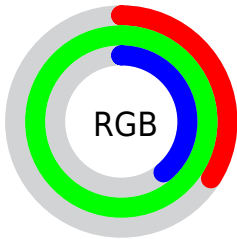
Format	Color
RYB	87, 243, 255
Decimal	5767012
CIELab	89.14, -72.39, 60.10
CIELCh	89, 94.090, 140.298
Yxy	74.4663, 0.2985, 0.5294
Android (android.graphics.Color)	4283957092 (0xFF57FF64)
YUV	187.0980, -42.9393, -87.7859
Hunter-Lab	86.2939, -64.1559, 43.7670

Details

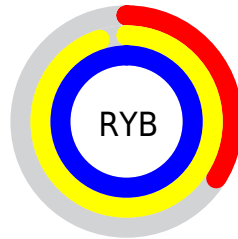
The Hex color **57FF64** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **FF57F2**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **9AFF9B**, and **00C52B** is the 20% darker color. If you saturate the color by 10%, you get **3EFF4C**, and if you desaturate by 10%, it is **71FF7C**.

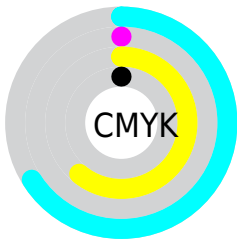
Distribution



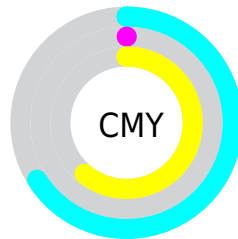
- Red (34%)
- Green (100%)
- Blue (39%)



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



- Cyan (66%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)



- Cyan (66%)
- Magenta (0%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57FF64 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 57FF64 by changing the saturation by 10% instead.

 57FF64

 57FF64

FFFFFF

 2BE248

 9AFF9B

 00C52B

 BAFFB8

 00A900

 D9FFD4

 008D00

 F8FFF2

 007200

 005800

 003F00

 002600

 000000

 57FF64

 57FF64

 3EFF4C

 71FF7C

 24FF35

 8AFF93

 0BFF1D

 A4FFAB

 00FF14

 BDFFC2

 D7FFDA

 F0FFF1

FFFFFF

Harmonies

Analogous

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



D0EE00



57FF64



00FFBF

Triad

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



57FF64



00F3FF



FF88A7

Complementary

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



57FF64



FF57F2

Split Complementary

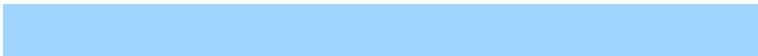
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF87FF



57FF64



A0D5FF

Square

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



57FF64



00FFFF



FFABFF



FFAB55

Rectangle

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



57FF64



00FFFD



FFABFF



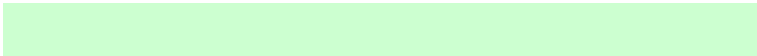
FF82C5

Sweetspot

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



57FF64



CCFFD0



F4FF57



618063



000000



808080

Same Dimension

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



57FF64



36FF45



57FFB6



738074



00BF0F



004005

Inverse Universe

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



FF57F2



FF36EF



FF57A0



80737F



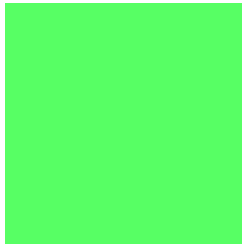
BF00B0



40003B

Previews

White Background



This preview shows how the Hex color 57FF64 looks on a white background.

Color Contrast Check

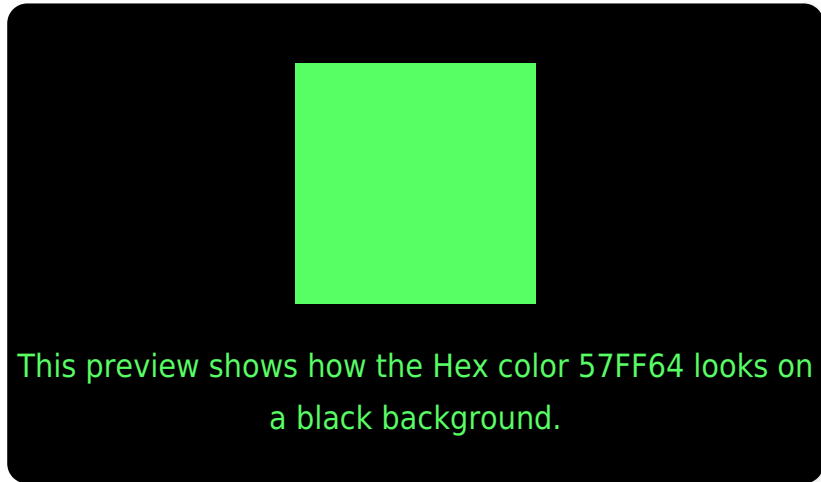
Large Text (above 18pt) WCAG AA × Fail

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

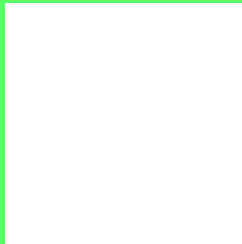
Any Text WCAG AAA ✓ Pass

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

Hex 57FF64 Background



This preview shows how black text looks on a background with the Hex color 57FF64.

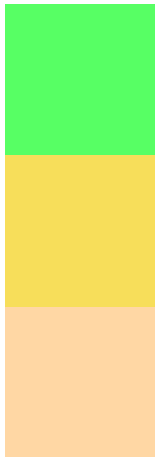


This preview shows how white text looks on a background with the Hex color 57FF64.

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](#).

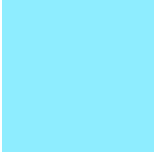
Dichromacy



Original Color
57FF64

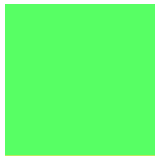
Protanopia
F7DE5A

Deuteranopia
FFD7A4



Tritanopia
8EEDFF

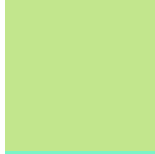
Trichromacy



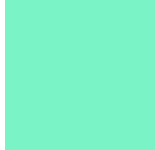
Original Color
57FF64



Protanomaly
BDEA5E



Deuteranomaly
C2E68D

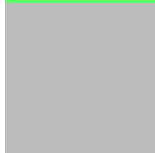


Tritanomaly
7AF4C7

Monochromacy



Original Color
57FF64



Achromatopsia
BBBBBB



Achromatomaly
97D49B

CSS Examples

Text

The CSS property to change the color of the text to Hex 57FF64 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 #57FF64 looks like.

```
.text, #text, p{  
    color:#57FF64  
}
```

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 #57FF64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57FF64
}
```

Border

The CSS property to change the border of an element to Hex 57FF64 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
#57FF64 }
```

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

```
.border{ border-color:#57FF64 }
```

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

Here you see how a box with a 4 pixel #57FF64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57FF64; -webkit-box-shadow:4px 4px  
4px 4px #57FF64; box-shadow:4px 4px 4px  
4px #57FF64 }
```

Background

The CSS property to change the background color of an element to Hex 57FF64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57FF64 }
```

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

```
.background{ background-color:#57FF64 }
```

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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