

Converting Colors

Hex(66FB4F)

Have a look what the booklet for
Hex(66FB4F) contains.

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Color

Hex(66FB4F)

Conversions

Conversions Part 1

Format	Color
Hex	66FB4F
RGB	102, 251, 79
RGB Percent	40%, 98%, 31%
CMY	0.6000, 0.0157, 0.6902
CMYK	0.59, 0.00, 0.69, 0.02
HSL	112°, 96%, 65%
HSV	112°, 69%, 98%
XYZ	41.3880, 72.3837, 19.1872
YIQ	186.8410, -33.5920, -85.0800

Conversions

Conversions Part 2

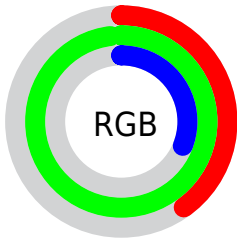
Format	Color
RYB	79, 251, 228
Decimal	6749007
CIELab	88.15, -69.96, 67.45
CIElCh	88, 97.174, 136.047
Yxy	72.3837, 0.3113, 0.5444
Android (android.graphics.Color)	4284939087 (0xFF66FB4F)
YUV	186.8410, -53.1656, -74.4056
Hunter-Lab	85.0786, -62.0531, 46.1837

Details

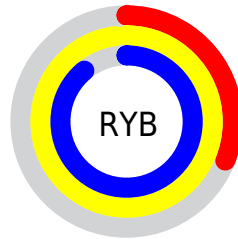
The Hex color **66FB4F** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed chartreuse. A complement of this color would be **E44FFB**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **A6FF88**, and **00C100** is the 20% darker color. If you saturate the color by 10%, you get **50FB36**, and if you desaturate by 10%, it is **7CFB68**.

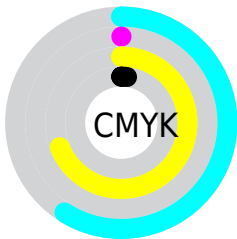
Distribution



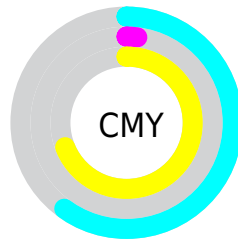
- Red (40%)
- Green (98%)
- Blue (31%)



- Red (31%)
- Yellow (98%)
- Blue (89%)



- Cyan (59%)
- Magenta (0%)
- Yellow (69%)
- Black (2%)



- Cyan (60%)
- Magenta (2%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66FB4F 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 66FB4F by changing the saturation by 10% instead.

 66FB4F

 66FB4F

FFFFFF

 42DE30

 A6FF88

 00C100

 C5FFA4

 00A500

 E4FFC1

 008A00

 FFFFDE

 006F00

 FFFFFC

 005500

 003C00

 002300

 000000

 66FB4F

 66FB4F

 50FB36

 7CFB68

 3BFB1D

 91FB81

 25FB04

 A7FB9A

 22FB00

 BDFBB3

 D3FBCD

 E8FBE6

 FEFBFF

 FFFBFF

Harmonies

Analogous

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



D9E800



66FB4F



00FFAD

Triad

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



66FB4F



00F4FF



FF7CB0

Complementary

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



66FB4F



E4FFB

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.



FF82FF



66FB4F



70D7FF

Square

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



66FB4F



00FFFF



FFACFF



FFA059

Rectangle

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



66FB4F



00FFEE



FFACFF



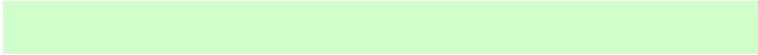
FF78CE

Sweetspot

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



66FB4F



D1FFC9



FBE14F



648060



000000



808080

Same Dimension

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



66FB4F



4AFF2E



4FFB8B



727D70



19BD00



083D00

Inverse Universe

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



E44FFB



E32EFF



FB4FBF



7B707D



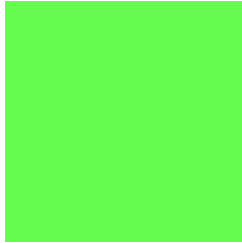
A300BD



35003D

Previews

White Background



This preview shows how the Hex color 66FB4F looks on a white background.

Color Contrast Check

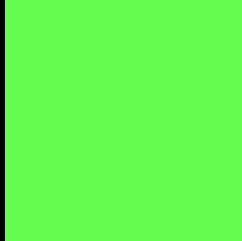
Large Text (above 18pt) WCAG AA × Fail

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 66FB4F 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

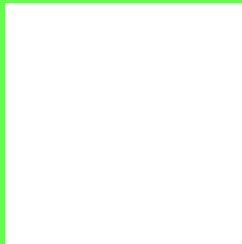
Any Text WCAG AAA ✓ Pass

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

Hex 66FB4F Background



This preview shows how black text looks on a background with the Hex color 66FB4F.

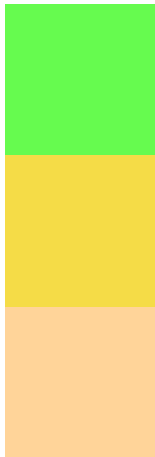


This preview shows how white text looks on a background with the Hex color 66FB4F.

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](#).

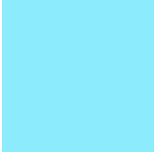
Dichromacy



Original Color
66FB4F

Protanopia
F5DC47

Deuteranopia
FFD499

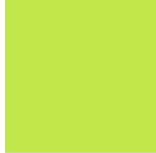


Tritanopia
8CEBFD

Trichromacy



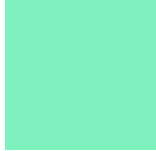
Original Color
66FB4F



Protanomaly
C1E74A

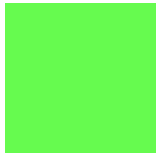


Deuteranomaly
C7E27E

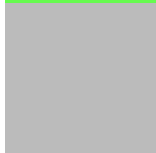


Tritanomaly
7EF1BE

Monochromacy



Original Color
66FB4F



Achromatopsia
BBBBBB



Achromatomaly
9CD294

CSS Examples

Text

The CSS property to change the color of the text to Hex 66FB4F 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 #66FB4F looks like.

```
.text, #text, p{  
    color:#66FB4F  
}
```

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 #66FB4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66FB4F
}
```

Border

The CSS property to change the border of an element to Hex 66FB4F 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
#66FB4F }
```

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

```
.border{ border-color:#66FB4F }
```

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

Here you see how a box with a 4 pixel #66FB4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66FB4F; -webkit-box-shadow:4px 4px  
4px 4px #66FB4F; box-shadow:4px 4px 4px  
4px #66FB4F }
```

Background

The CSS property to change the background color of an element to Hex 66FB4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66FB4F }
```

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

```
.background{ background-color:#66FB4F }
```

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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