

# Converting Colors

Hex(06FB5F)

Have a look what the booklet for  
Hex(06FB5F) contains.

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**Color**

**Hex(06FB5F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	06FB5F
RGB	6, 251, 95
RGB Percent	2%, 98%, 37%
CMY	0.9765, 0.0157, 0.6275
CMYK	0.98, 0.00, 0.62, 0.02
HSL	142°, 97%, 50%
HSV	142°, 98%, 98%
XYZ	36.6378, 69.8593, 22.3797
YIQ	159.9610, -95.9440, -100.4560

# Conversions

## Conversions Part 2

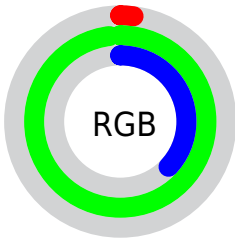
Format	Color
<b>RYB</b>	6, 186, 251
Decimal	457567
CIELab	86.93, -79.77, 59.43
CIELCh	87, 99.473, 143.312
Yxy	69.8593, 0.2843, 0.5421
Android (android.graphics.Color)	4278647647 (0xFF06FB5F)
YUV	159.9610, -32.0258, -135.0238
Hunter-Lab	83.5819, -68.0234, 42.6320

# Details

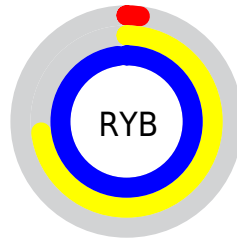
The Hex color **06FB5F** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **FB06A2**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **75FF96**, and **00C125** is the 20% darker color. If you saturate the color by 10%, you get **00FB5B**, and if you desaturate by 10%, it is **1FFB6F**.

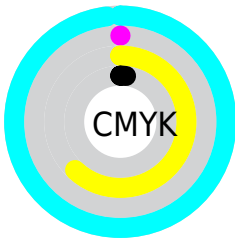
# Distribution



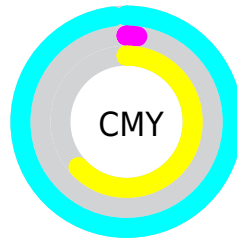
- Red (2%)
- Green (98%)
- Blue (37%)



- Red (2%)
- Yellow (73%)
- Blue (98%)



- Cyan (98%)
- Magenta (0%)
- Yellow (62%)
- Black (2%)



- Cyan (98%)
- Magenta (2%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 06FB5F 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 06FB5F by changing the saturation by 10% instead.



 06FB5F

FFFFFF

 75FF96

 97FFB2

 B8FFCF

 D9FFEC

 F9FFFF

 06FB5F

 00DE43

 00C125

 00A400

 008900

 006D00


 005300

 003A00

 002000

 000000

 06FB5F

 06FB5F

 00FB5B

 1FFB6F

 38FB7F

 51FB8F

 6AFB9F

 84FBAF

 9DFBBF

 B6FBCF

 CFFBDF

 E8FBEF

# Harmonies

## Analogous

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



BDEB00



06FB5F



00FC1

# Triad

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



06FB5F



00ECFF



FF7B95

# Complementary

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



06FB5F



FB06A2

# 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.



FF73F3



06FB5F



A7CAFF

# Square

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



06FB5F



00FEFF



FF9BFF



FFA53C

# Rectangle

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



06FB5F



00FFFF



FF9BFF



FF72B4

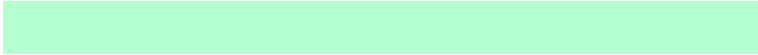


# Sweetspot

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



06FB5F



B5FFD0



A5FB06



538063



000000



808080



# Same Dimension

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



06FB5F



00FF5D



06FBD6



707D75



00BD45



003D16



# Inverse Universe

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



FB06A2



FF00A2



FB062B



7D7078



BD0078

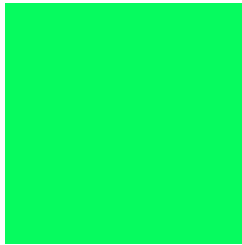


3D0027



# Previews

## White Background



This preview shows how the Hex color 06FB5F 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 06FB5F 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 06FB5F Background



This preview shows how black text looks on a background with the Hex color 06FB5F.

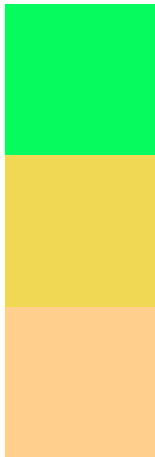


This preview shows how white text looks on a background with the Hex color 06FB5F.

# 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](#).

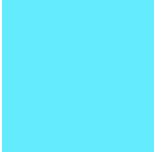
## Dichromacy



**Original Color**  
06FB5F

**Protanopia**  
F0D855

**Deuteranopia**  
FFD08D



**Tritanopia**  
65EBFE

# Trichromacy



**Original Color**  
06FB5F



**Protanomaly**  
9BE559



**Deuteranomaly**  
A4E07C



**Tritanomaly**  
42F1C4

# Monochromacy



**Original Color**  
06FB5F



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
68C188

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 06FB5F 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 #06FB5F looks like.

```
.text, #text, p{  
    color:#06FB5F  
}
```

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 #06FB5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06FB5F
}
```

## Border

The CSS property to change the border of an element to Hex 06FB5F 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
#06FB5F }
```

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

```
.border{ border-color:#06FB5F }
```

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

Here you see how a box with a 4 pixel #06FB5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06FB5F; -webkit-box-shadow:4px 4px  
4px 4px #06FB5F; box-shadow:4px 4px 4px  
4px #06FB5F }
```

# Background

The CSS property to change the background color of an element to Hex 06FB5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06FB5F }
```

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

```
.background{ background-color:#06FB5F }
```

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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