

# Converting Colors

Hex(06F968)

Have a look what the booklet for  
Hex(06F968) contains.

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# Color

Hex(06F968)

# Conversions

## Conversions Part 1

Format	Color
Hex	06F968
RGB	6, 249, 104
RGB Percent	2%, 98%, 41%
CMY	0.9765, 0.0235, 0.5922
CMYK	0.98, 0.00, 0.58, 0.02
HSL	144°, 95%, 50%
HSV	144°, 98%, 98%
XYZ	36.4495, 68.7896, 24.4533
YIQ	159.8130, -98.2830, -96.6110

# Conversions

## Conversions Part 2

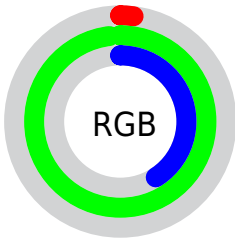
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 179, 249
Decimal	457064
CIELab	86.40, -78.12, 54.98
CIELCh	86, 95.525, 144.860
Yxy	68.7896, 0.2810, 0.5304
Android (android.graphics.Color)	4278647144 (0xFF06F968)
YUV	159.8130, -27.5158, -134.8940
Hunter-Lab	82.9395, -66.6985, 40.5770

# Details

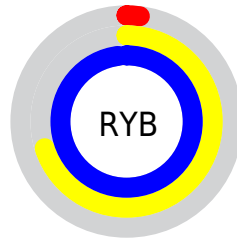
The Hex color **06F968** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated spring green. A complement of this color would be **F90697**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **74FF9F**, and **00BF31** is the 20% darker color. If you saturate the color by 10%, you get **00F964**, and if you desaturate by 10%, it is **1FF977**.

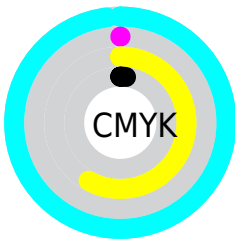
# Distribution



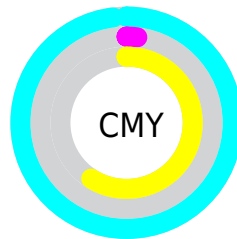
- Red (2%)
- Green (98%)
- Blue (41%)



- Red (2%)
- Yellow (70%)
- Blue (98%)



- Cyan (98%)
- Magenta (0%)
- Yellow (58%)
- Black (2%)



- Cyan (98%)
- Magenta (2%)
- Yellow (59%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 06F968 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 06F968 by changing the saturation by 10% instead.



 06F968

 06F968

FFFFFF

 00DC4D

 74FF9F

 00BF31

 96FFBB

 00A20F

 B7FFD7

 008700

 D7FFF5

 006C00

 F8FFFF

 005100

 003900

 001E00

 000000

■ 06F968

■ 06F968

■ 00F964

■ 1FF977

■ 38F986

■ 51F995

■ 6AF9A3

■ 83F9B2

■ 9BF9C1

■ B4F9D0

■ CDF9DF

■ E6F9EE

# Harmonies

## Analogous

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



B9E900



06F968



00FFC5

# Triad

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



06F968



00E8FF



FF8192

# Complementary

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



06F968



F90697

# 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.



FF78EC



06F968



B4C7FF

# Square

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



06F968



00FAFF



FF9BFF



FFA93E

# Rectangle

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



06F968



00FFFF



FF9BFF



FF79AF

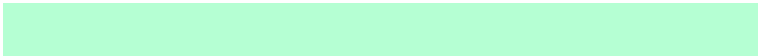


# Sweetspot

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



06F968



B5FFD3



98F906



538065



000000



808080



# Same Dimension

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



06F968



00FF67



06F9E1



707D75



00BD4C



003D19



# Inverse Universe

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



F90697



FF0098



F9061E



7D7078



BD0071

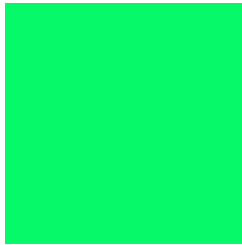


3D0025



# Previews

## White Background



This preview shows how the Hex color 06F968 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 06F968 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 06F968 Background



This preview shows how black text looks on a background with the Hex color 06F968.

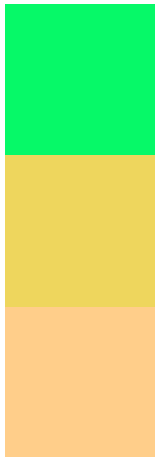


This preview shows how white text looks on a background with the Hex color 06F968.

# 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](#).

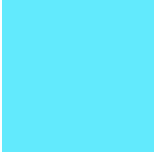
## Dichromacy



**Original Color**  
06F968

**Protanopia**  
EED65D

**Deuteranopia**  
FFCE8A



**Tritanopia**  
62EAFD

# Trichromacy



**Original Color**  
06F968



**Protanomaly**  
9AE361

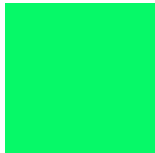


**Deuteranomaly**  
A4DE7E



**Tritanomaly**  
41EFC7

# Monochromacy



**Original Color**  
06F968



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
68C08C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 06F968 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 #06F968 looks like.

```
.text, #text, p{  
    color:#06F968  
}
```

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 #06F968 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06F968
}
```

## Border

The CSS property to change the border of an element to Hex 06F968 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
#06F968 }
```

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

```
.border{ border-color:#06F968 }
```

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

Here you see how a box with a 4 pixel #06F968 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06F968; -webkit-box-shadow:4px 4px  
4px 4px #06F968; box-shadow:4px 4px 4px  
4px #06F968 }
```

# Background

The CSS property to change the background color of an element to Hex 06F968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06F968 }
```

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

```
.background{ background-color:#06F968 }
```

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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