

# Converting Colors

Hex(68FF67)

Have a look what the booklet for  
Hex(68FF67) contains.

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**Color**

**Hex(68FF67)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68FF67
RGB	104, 255, 103
RGB Percent	41%, 100%, 40%
CMY	0.5922, 0.0000, 0.5961
CMYK	0.59, 0.00, 0.60, 0.00
HSL	120°, 100%, 70%
HSV	120°, 60%, 100%
XYZ	43.9171, 75.4423, 25.0791
YIQ	192.5230, -41.2040, -79.2840

# Conversions

## Conversions Part 2

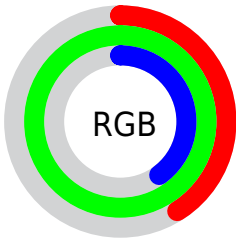
Format	Color
<a href="#">RYB</a>	<a href="#">103, 255, 254</a>
Decimal	<a href="#">6881127</a>
CIELab	<a href="#">89.60, -68.62, 59.47</a>
CIELCh	<a href="#">90, 90.809, 139.087</a>
Yxy	<a href="#">75.4423, 0.3041, 0.5223</a>
Android (android.graphics.Color)	<a href="#">4285071207 (0xFF68FF67)</a>
YUV	<a href="#">192.5230, -44.1348, -77.6347</a>
Hunter-Lab	<a href="#">86.8575, -61.7471, 43.6810</a>

# Details

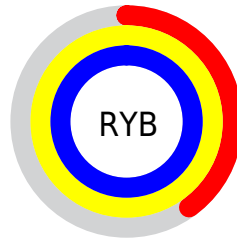
The Hex color **68FF67** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FE67FF**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **A8FF9E**, and **0BC52F** is the 20% darker color. If you saturate the color by 10%, you get **4FFF4E**, and if you desaturate by 10%, it is **81FF81**.

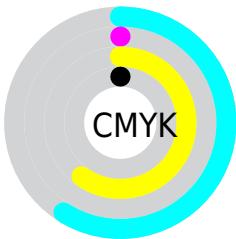
# Distribution



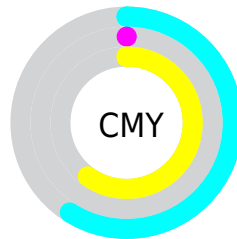
- Red (41%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (100%)



- Cyan (59%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (59%)
- Magenta (0%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68FF67 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 68FF67 by changing the saturation by 10% instead.



 68FF67

 68FF67

FFFFFF

 44E24B


 A8FF9E

 0BC52F

 C6FFBB

 00A906

 E5FFD7

 008D00

 FFFFF5

 007300

 005800

 003F00

 002700

 000000

 68FF67

 68FF67

 4FFF4E

 81FF81

 35FF34

 9BFF9A

 1CFF1A

 B4FFB3

 03FF01

 CDFLCD

 02FF00

 E7FFE7

FFFFFF

# Harmonies

## Analogous

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



D7EE14



68FF67



00FFBD

# Triad

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



68FF67



00F5FF



FF8EAE

# Complementary

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



68FF67



FE67FF

# Split Complementary

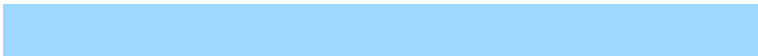
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF8EFF



68FF67



9FD8FF

# Square

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



68FF67



00FFFF



FFB0FF



FFA05F

# Rectangle

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



68FF67



00FFFA



FFB0FF



FF89CA

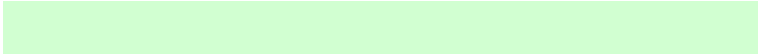


# Sweetspot

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



68FF67



D1FFD1



FFFC67



648063



000000



808080



# Same Dimension

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



68FF67



49FF47



67FFB0



738073



01BF00



004000



# Inverse Universe

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



FE67FF



FE47FF



FF67B6



7F7380



BE00BF

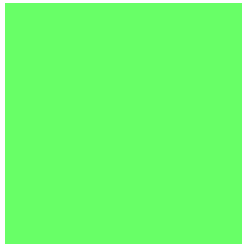


3F0040



# Previews

## White Background



This preview shows how the Hex color 68FF67 looks on a white background.

## Color Contrast Check

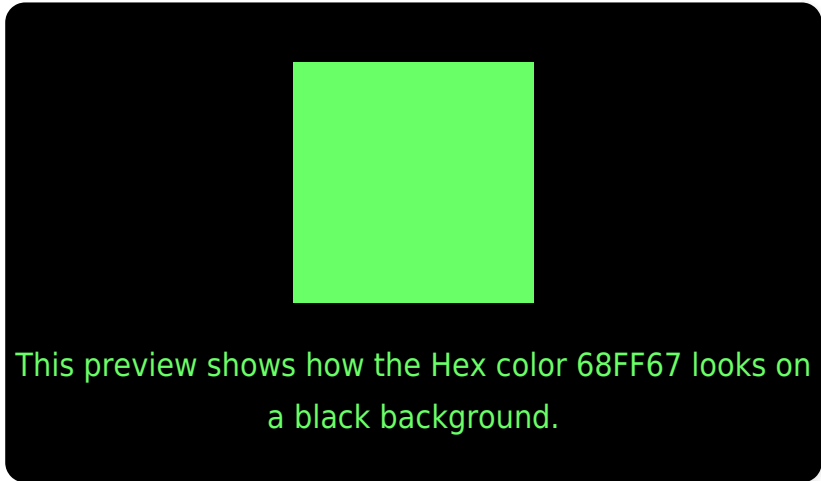
Large Text (above 18pt) WCAG AA × Fail

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

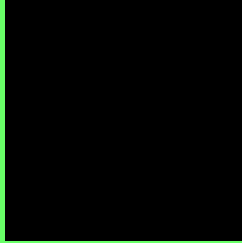
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

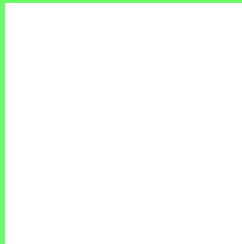
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 68FF67 Background



This preview shows how black text looks on a background with the Hex color 68FF67.

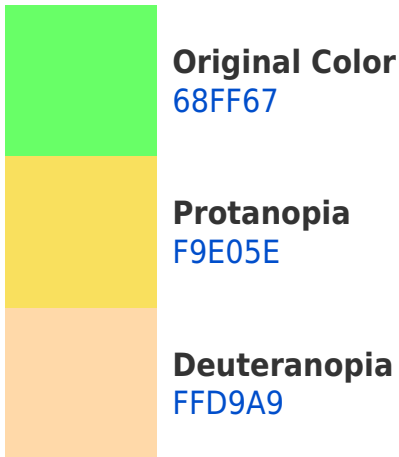


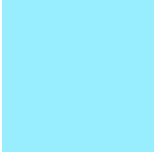
This preview shows how white text looks on a background with the Hex color 68FF67.

# 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



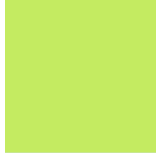


**Tritanopia**  
98EEFF

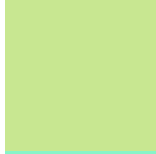
# Trichromacy



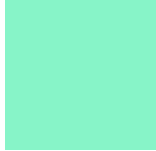
**Original Color**  
68FF67



**Protanomaly**  
C4EB61

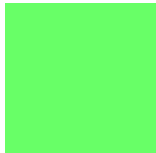


**Deuteranomaly**  
C8E791

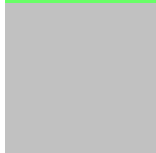


**Tritanomaly**  
87F4C8

# Monochromacy



**Original Color**  
68FF67



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
A1D8A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68FF67 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 #68FF67 looks like.

```
.text, #text, p{  
    color:#68FF67  
}
```

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 #68FF67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68FF67
}
```

## Border

The CSS property to change the border of an element to Hex 68FF67 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
#68FF67 }
```

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

```
.border{ border-color:#68FF67 }
```

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

Here you see how a box with a 4 pixel #68FF67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68FF67; -webkit-box-shadow:4px 4px  
4px 4px #68FF67; box-shadow:4px 4px 4px  
4px #68FF67 }
```

# Background

The CSS property to change the background color of an element to Hex 68FF67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68FF67 }
```

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

```
.background{ background-color:#68FF67 }
```

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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