

# Converting Colors

Hex(67F567)

Have a look what the booklet for  
Hex(67F567) contains.

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# **Color**

**Hex(67F567)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67F567
RGB	103, 245, 103
RGB Percent	40%, 96%, 40%
CMY	0.5961, 0.0392, 0.5961
CMYK	0.58, 0.00, 0.58, 0.04
HSL	120°, 88%, 68%
HSV	120°, 58%, 96%
XYZ	40.6941, 69.1677, 24.0379
YIQ	186.3540, -39.0500, -74.2660

# Conversions

## Conversions Part 2

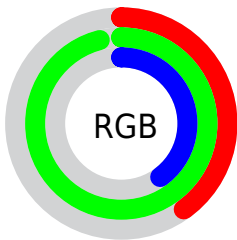
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">103, 245, 245</a>
Decimal	<a href="#">6813031</a>
CIELab	<a href="#">86.59, -65.34, 56.00</a>
CIELCh	<a href="#">87, 86.050, 139.401</a>
Yxy	<a href="#">69.1677, 0.3039, 0.5166</a>
Android (android.graphics.Color)	<a href="#">4285003111 (0xFF67F567)</a>
YUV	<a href="#">186.3540, -41.0935, -73.1015</a>
Hunter-Lab	<a href="#">83.1671, -58.2014, 41.0803</a>

# Details

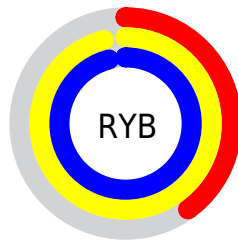
The Hex color **67F567** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **F567F5**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **A5FF9E**, and **13BB30** is the 20% darker color. If you saturate the color by 10%, you get **4FF54F**, and if you desaturate by 10%, it is **80F580**.

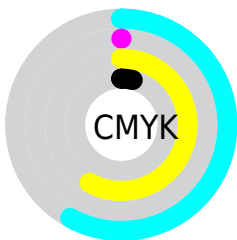
# Distribution



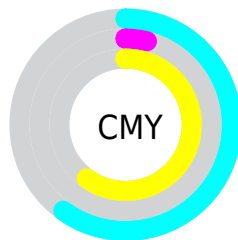
- Red (40%)
- Green (96%)
- Blue (40%)



- Red (40%)
- Yellow (96%)
- Blue (96%)



- Cyan (58%)
- Magenta (0%)
- Yellow (58%)
- Black (4%)



- Cyan (60%)
- Magenta (4%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67F567 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 67F567 by changing the saturation by 10% instead.



 67F567

FFFFFF

 A5FF9E

 C4FFBA

 E2FFD6

 FFFFF4

 67F567

 45D84C

 13BB30

 00A00D

 008400

 006A00

 005000

 003800

 001F00

 000000

 67F567

 67F567

 4FF54F

 80F580

 36F536

 98F598

 1EF51E

 B1F5B1

 05F505

 C9F5C9

 00F500

 E2F5E2

 FAF5FA

 FFF5FF

# Harmonies

## Analogous

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



CFE521



67F567



00FDB8

# Triad

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



67F567



00EBFF



FF8BA7

# Complementary

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



67F567



F567F5

# 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.



FF8CF9



67F567



9ECFFF

# Square

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



67F567



00FAFF



FFABFF



FFA95E

# Rectangle

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



67F567



00FFF1



FFABFF



FF87C2

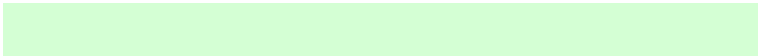


# Sweetspot

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



67F567



D4FFD4



F5F567



668066



000000



808080



# Same Dimension

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



67F567



4DFF4D



67F5AE



6E7A6E



00BA00



003B00



# Inverse Universe

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



F567F5



FF4DFF



F567AE



7A6E7A



BA00BA

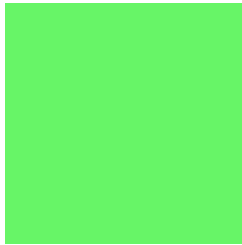


3B003B



# Previews

## White Background



This preview shows how the Hex color 67F567 looks on a white background.

## Color Contrast Check

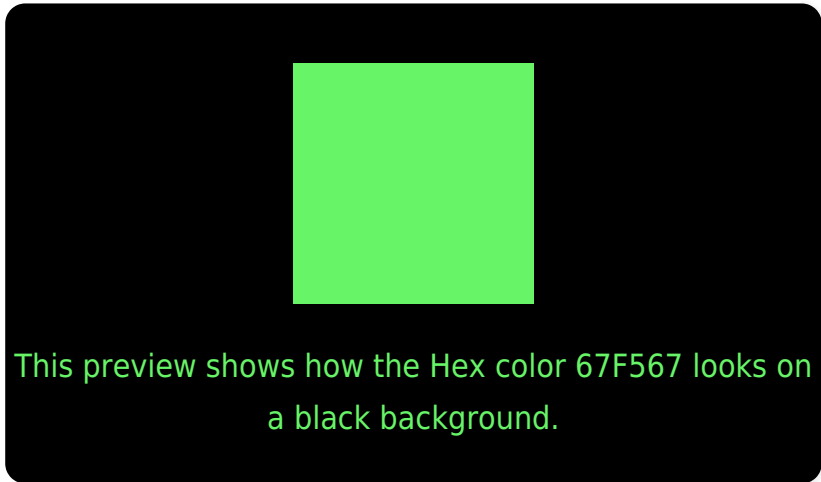
Large Text (above 18pt) WCAG AA × Fail

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 67F567 Background



This preview shows how black text looks on a background with the Hex color 67F567.

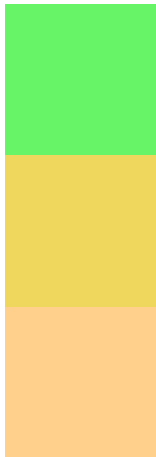


This preview shows how white text looks on a background with the Hex color 67F567.

# 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](#).

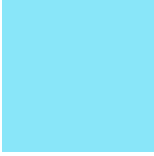
## Dichromacy



**Original Color**  
67F567

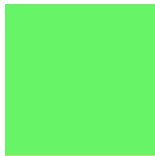
**Protanopia**  
EFD75E

**Deuteranopia**  
FFCF8C

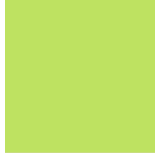


**Tritanopia**  
89E6F9

# Trichromacy



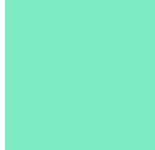
**Original Color**  
67F567



**Protanomaly**  
BEE261



**Deuteranomaly**  
C8DD7F

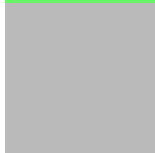


**Tritanomaly**  
7DEBC4

# Monochromacy



**Original Color**  
67F567



**Achromatopsia**  
BABABA



**Achromatomaly**  
9CCF9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67F567 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 #67F567 looks like.

```
.text, #text, p{  
    color:#67F567  
}
```

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 #67F567 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67F567
}
```

## Border

The CSS property to change the border of an element to Hex 67F567 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
#67F567 }
```

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

```
.border{ border-color:#67F567 }
```

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

Here you see how a box with a 4 pixel #67F567 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67F567; -webkit-box-shadow:4px 4px  
4px 4px #67F567; box-shadow:4px 4px 4px  
4px #67F567 }
```

# Background

The CSS property to change the background color of an element to Hex 67F567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67F567 }
```

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

```
.background{ background-color:#67F567 }
```

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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