

# Converting Colors

Hex(67DF67)

Have a look what the booklet for  
Hex(67DF67) contains.

<b>Hex(67DF67)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(67DF67)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67DF67
RGB	103, 223, 103
RGB Percent	40%, 87%, 40%
CMY	0.5961, 0.1255, 0.5961
CMYK	0.54, 0.00, 0.54, 0.13
HSL	120°, 65%, 64%
HSV	120°, 54%, 87%
XYZ	34.4294, 56.6382, 21.9496
YIQ	173.4400, -33.0000, -62.7600

# Conversions

## Conversions Part 2

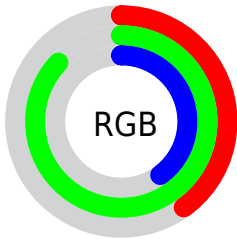
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">103, 223, 223</a>
Decimal	<a href="#">6807399</a>
CIELab	<a href="#">79.98, -57.26, 48.21</a>
CIELCh	<a href="#">80, 74.853, 139.909</a>
Yxy	<a href="#">56.6382, 0.3046, 0.5011</a>
Android (android.graphics.Color)	<a href="#">4284997479 (0xFF67DF67)</a>
YUV	<a href="#">173.4400, -34.7269, -61.7759</a>
Hunter-Lab	<a href="#">75.2583, -50.0415, 35.3885</a>

# Details

The Hex color **67DF67** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **DF67DF**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **A2FF9D**, and **22A733** is the 20% darker color. If you saturate the color by 10%, you get **51DF51**, and if you desaturate by 10%, it is **7DDF7D**.

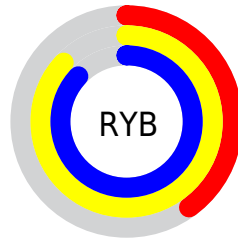
# Distribution



Red (40%)

Green (87%)

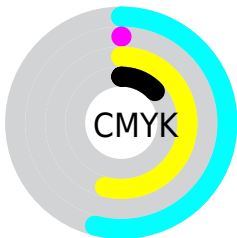
Blue (40%)



Red (40%)

Yellow (87%)

Blue (87%)

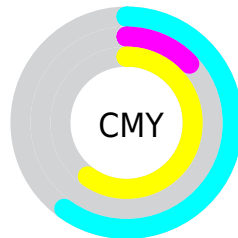


Cyan (54%)

Magenta (0%)

Yellow (54%)

Black (13%)



Cyan (60%)

Magenta (13%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67DF67 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 67DF67 by changing the saturation by 10% instead.



 67DF67

 67DF67

FFFFFF

 48C34D

 A2FF9D

 22A733

 C0FFB8

 008C16

 DEFFD5

 007100

 FCFFF2

 005700

 003F00

 002800

 000000

 67DF67

 67DF67

 51DF51

 7DDF7D

 3ADF3A

 94DF94

 24DF24

 AADFAA

 0EDF0E

 C0DFC0

 00DF00

 D7DFD7

 EDDFED

 FFDFFF

# Harmonies

## Analogous

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



BED133



67DF67



00E6AC

# Triad

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



67DF67



00D5FF



FF879B

# Complementary

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



67DF67



DF67DF

# 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.



FF87E1



67DF67



9BBEFF

# Square

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



67DF67



00E3FF



FF9FFF



FF9E5D

# Rectangle

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



67DF67



00E8DC



FF9FFF



FF84B2

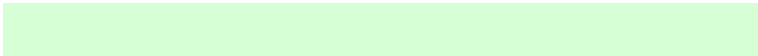


# Sweetspot

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



67DF67



D6FFD6



DFDF67



678067



000000



808080



# Same Dimension

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



67DF67



59FF59



67DFA3



657065



00B000



003000



# Inverse Universe

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



DF67DF



FF59FF



DF67A3



706570



B000B0

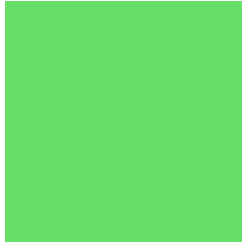


300030



# Previews

## White Background



This preview shows how the Hex color 67DF67 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 67DF67 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

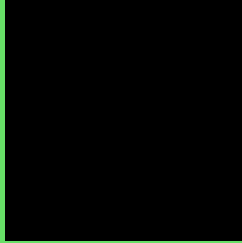
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 67DF67 Background



This preview shows how black text looks on a background with the Hex color 67DF67.

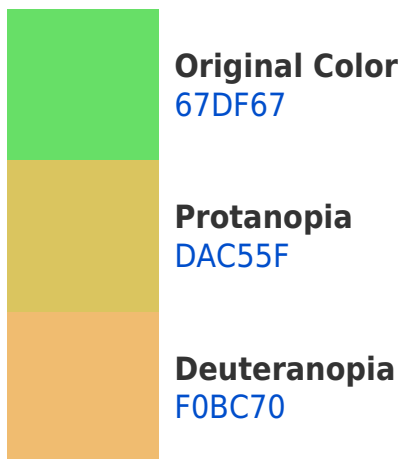


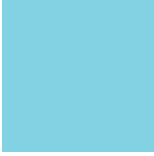
This preview shows how white text looks on a background with the Hex color 67DF67.

# 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](#).

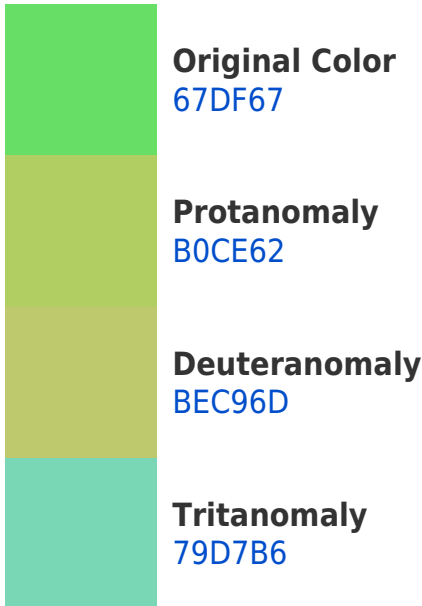
## Dichromacy



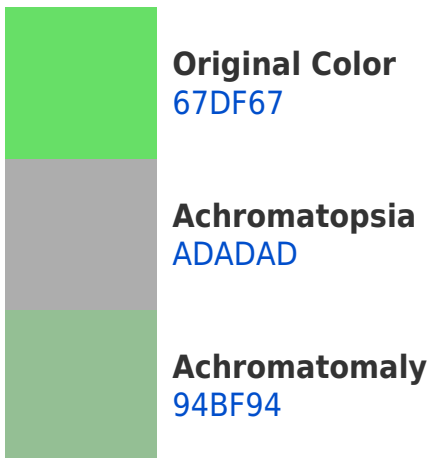


**Tritanopia**  
83D2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67DF67 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 #67DF67 looks like.

```
.text, #text, p{  
    color:#67DF67  
}
```

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 #67DF67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67DF67
}
```

## Border

The CSS property to change the border of an element to Hex 67DF67 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
#67DF67 }
```

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

```
.border{ border-color:#67DF67 }
```

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

Here you see how a box with a 4 pixel #67DF67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67DF67; -webkit-box-shadow:4px 4px  
4px 4px #67DF67; box-shadow:4px 4px 4px  
4px #67DF67 }
```

# Background

The CSS property to change the background color of an element to Hex 67DF67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67DF67 }
```

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

```
.background{ background-color:#67DF67 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor