

# Converting Colors

Hex(74F050)

Have a look what the booklet for  
Hex(74F050) contains.

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**Color**

**Hex(74F050)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 74F050                       |
| RGB         | 116, 240, 80                 |
| RGB Percent | 45%, 94%, 31%                |
| CMY         | 0.5451, 0.0588, 0.6863       |
| CMYK        | 0.52, 0.00, 0.67, 0.06       |
| HSL         | 106°, 84%, 63%               |
| HSV         | 106°, 67%, 94%               |
| XYZ         | 39.8105, 66.6124, 18.3487    |
| YIQ         | 184.6840, -22.5440, -76.0480 |

# Conversions

## Conversions Part 2

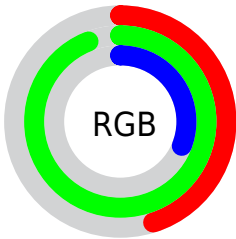
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>R<sub>YB</sub></b>               | 80, 240, 204                    |
| Decimal                             | 7663696                         |
| CIE Lab                             | 85.31, -62.57, 64.20            |
| CIE LCh                             | 85, 89.646, 134.264             |
| Yxy                                 | 66.6124, 0.3191,<br>0.5339      |
| Android<br>(android.graphics.Color) | 4285853776<br>(0xFF74F050)      |
| YUV                                 | 184.6840, -51.6092,<br>-60.2359 |
| Hunter-Lab                          | 81.6164, -55.7607,<br>43.8021   |

# Details

The Hex color **74F050** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted chartreuse. A complement of this color would be **CC50F0**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **B1FF88**, and **2FB70A** is the 20% darker color. If you saturate the color by 10%, you get **61F038**, and if you desaturate by 10%, it is **87F068**.

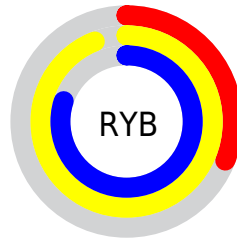
# Distribution



Red (45%)

Green (94%)

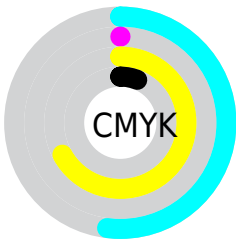
Blue (31%)



Red (31%)

Yellow (94%)

Blue (80%)

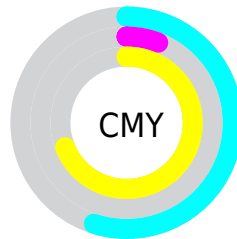


Cyan (52%)

Magenta (0%)

Yellow (67%)

Black (6%)



Cyan (55%)

Magenta (6%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74F050 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 74F050 by changing the saturation by 10% instead.



 74F050

 74F050


FFFFFF

 54D332

 B1FF88

 2FB70A

 CFFFA4

 009B00

 EEFFC1

 008000

 FFFFDE

 006600

 FFFFFB

 004D00

 003500

 001B00

 000000

 74F050

 74F050

 61F038

 87F068

 4FF020

 99F080

 3CF008

 ACF098

 36F000

 BEF0B0

 D1F0C8

 E4F0E0

 F6F0F8

 FFF0FF

# Harmonies

## Analogous

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



D8DE00



74F050



00FAA4

# Triad

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



74F050



00EBFF



FF7FB0

# Complementary

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



74F050



CC50F0

# 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.



FF87FF



74F050



69D1FF

# Square

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



74F050



00F9FF



FFABFF



FF9C61

# Rectangle

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



74F050



00FCDF



FFABFF



FF7DCD

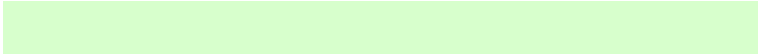


# Sweetspot

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



74F050



D7FFCC



F0CB50



688061



000000



808080



# Same Dimension

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



74F050



61FF33



50F07B



6F786C



29B800



0D3800



# Inverse Universe

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



CC50F0



D133FF



F050C5



756C78



8E00B8

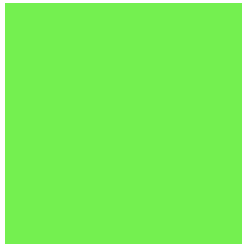


2B0038



# Previews

## White Background



This preview shows how the Hex color 74F050 looks on a white background.

## Color Contrast Check

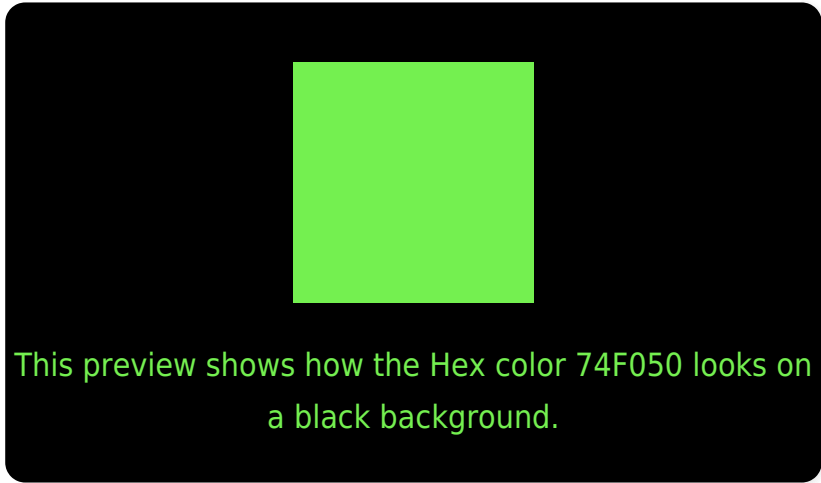
Large Text (above 18pt) WCAG AA × Fail

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

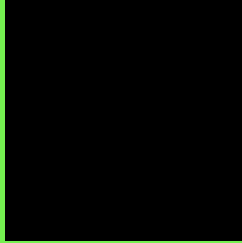
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

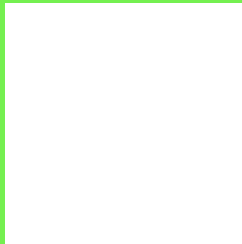
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 74F050 Background



This preview shows how black text looks on a background with the Hex color 74F050.

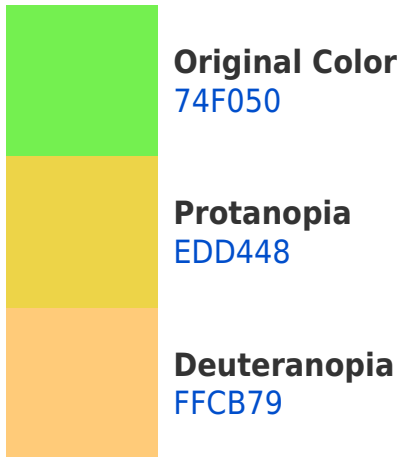


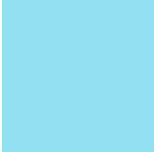
This preview shows how white text looks on a background with the Hex color 74F050.

# 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](#).

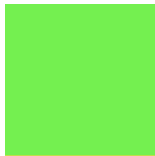
## Dichromacy





**Tritanopia**  
93E0F2

# Trichromacy



**Original Color**  
74F050



**Protanomaly**  
C1DE4B



**Deuteranomaly**  
CCD86A

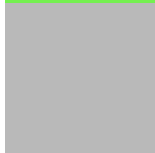


**Tritanomaly**  
88E6B7

# Monochromacy



**Original Color**  
74F050



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
A0CD93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74F050 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 #74F050 looks like.

```
.text, #text, p{  
    color:#74F050  
}
```

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 #74F050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74F050
}
```

## Border

The CSS property to change the border of an element to Hex 74F050 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
#74F050 }
```

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

```
.border{ border-color:#74F050 }
```

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

Here you see how a box with a 4 pixel #74F050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74F050; -webkit-box-shadow:4px 4px  
4px 4px #74F050; box-shadow:4px 4px 4px  
4px #74F050 }
```

# Background

The CSS property to change the background color of an element to Hex 74F050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74F050 }
```

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

```
.background{ background-color:#74F050 }
```

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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