

# Converting Colors

Hex(75F475)

Have a look what the booklet for  
Hex(75F475) contains.

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**Color**

**Hex(75F475)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75F475
RGB	117, 244, 117
RGB Percent	46%, 96%, 46%
CMY	0.5412, 0.0431, 0.5412
CMYK	0.52, 0.00, 0.52, 0.04
HSL	120°, 85%, 71%
HSV	120°, 52%, 96%
XYZ	42.8977, 69.7676, 28.0352
YIQ	191.5490, -34.9250, -66.4210

# Conversions

## Conversions Part 2

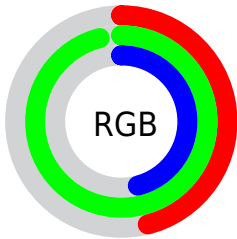
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">117, 244, 244</a>
Decimal	<a href="#">7730293</a>
CIELab	<a href="#">86.88, -59.93, 50.15</a>
CIElCh	<a href="#">87, 78.142, 140.077</a>
Yxy	<a href="#">69.7676, 0.3049, 0.4959</a>
Android (android.graphics.Color)	<a href="#">4285920373 (0xFF75F475)</a>
YUV	<a href="#">191.5490, -36.7527, -65.3795</a>
Hunter-Lab	<a href="#">83.5270, -54.4985, 38.5687</a>

# Details

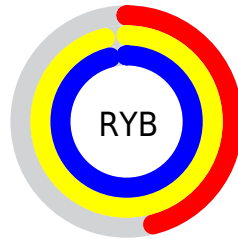
The Hex color **75F475** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **F475F4**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **B1FFAB**, and **33BB40** is the 20% darker color. If you saturate the color by 10%, you get **5DF45D**, and if you desaturate by 10%, it is **8DF48D**.

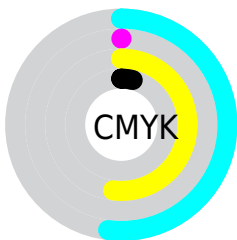
# Distribution



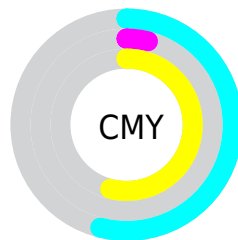
- Red (46%)
- Green (96%)
- Blue (46%)



- Red (46%)
- Yellow (96%)
- Blue (96%)



- Cyan (52%)
- Magenta (0%)
- Yellow (52%)
- Black (4%)



- Cyan (54%)
- Magenta (4%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75F475 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 75F475 by changing the saturation by 10% instead.



 75F475

 75F475


FFFFFF

 56D75B

 B1FFAB

 33BB40

 CFFFC8

 009F25

 EDFFE4

 008400

 006A00

 005000

 003800

 002000

 000000

 75F475

 75F475

 5DF45D

 8DF48D

 44F444

 A6F4A6

 2CF42C

 BEF4BE

 13F413

 D7F4D7

 00F400

 EFF4EF

 FFF4FF

# Harmonies

## Analogous

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



D0E53F



75F475



00FCBE

# Triad

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



75F475



00E9FF



FF97AB

# Complementary

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



75F475



F475F4

# Split Complementary

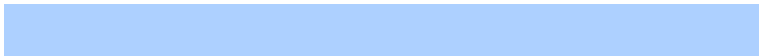
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF97F6



75F475



ADD0FF

# Square

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



75F475



00F8FF



FFB0FF



FFB069

# Rectangle

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



75F475



00DF1



FFB0FF



FF94C3

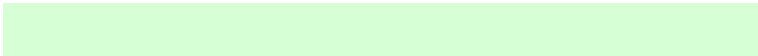


# Sweetspot

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



75F475



D6FFD6



F4F475



678067



000000



808080



# Same Dimension

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



75F475



61FF61



75F4B4



6E7A6E



00BA00



003B00



# Inverse Universe

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



F475F4



FF61FF



F475B4



7A6E7A



BA00BA

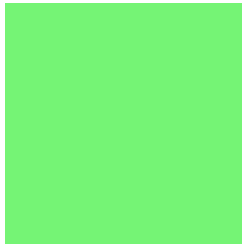


3B003B



# Previews

## White Background



This preview shows how the Hex color 75F475 looks on a white background.

## Color Contrast Check

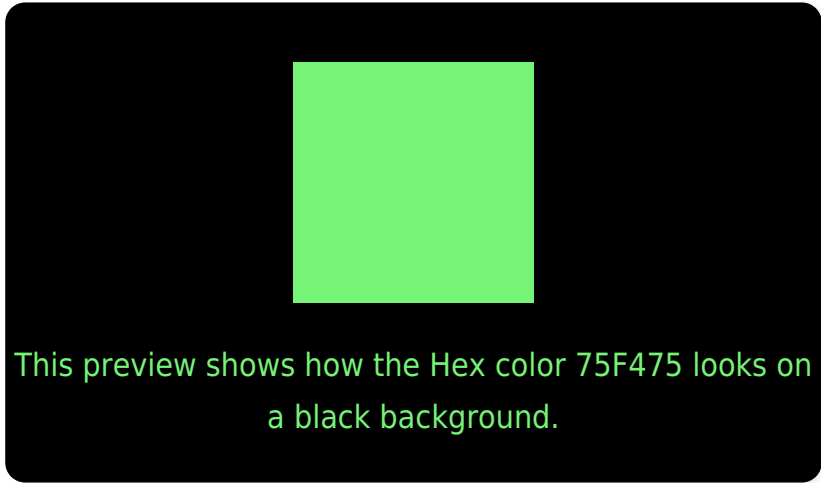
Large Text (above 18pt) WCAG AA × Fail

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

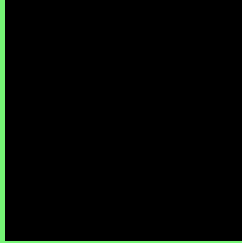
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 75F475 Background



This preview shows how black text looks on a background with the Hex color 75F475.

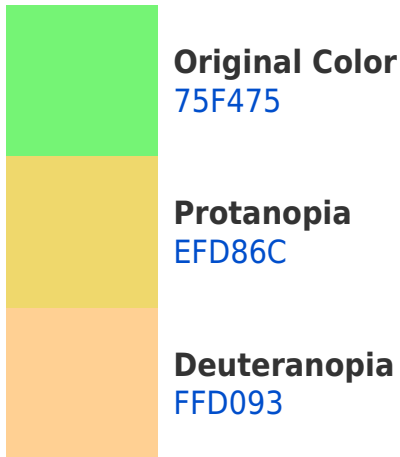


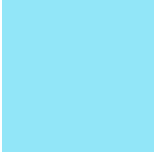
This preview shows how white text looks on a background with the Hex color 75F475.

# 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



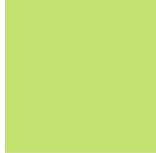


**Tritanopia**  
92E6F8

# Trichromacy



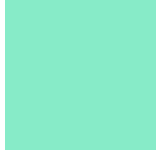
**Original Color**  
75F475



**Protanomaly**  
C3E26F

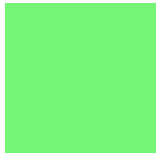


**Deuteranomaly**  
CDDD88

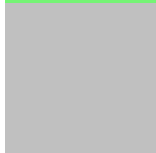


**Tritanomaly**  
87EBC8

# Monochromacy



**Original Color**  
75F475



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
A5D3A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75F475 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 #75F475 looks like.

```
.text, #text, p{  
    color:#75F475  
}
```

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 #75F475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75F475
}
```

## Border

The CSS property to change the border of an element to Hex 75F475 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
#75F475 }
```

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

```
.border{ border-color:#75F475 }
```

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

Here you see how a box with a 4 pixel #75F475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75F475; -webkit-box-shadow:4px 4px  
4px 4px #75F475; box-shadow:4px 4px 4px  
4px #75F475 }
```

# Background

The CSS property to change the background color of an element to Hex 75F475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75F475 }
```

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

```
.background{ background-color:#75F475 }
```

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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