

Converting Colors

Hex(77CF48)

Have a look what the booklet for
Hex(77CF48) contains.

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Color

Hex(77CF48)

Conversions

Conversions Part 1

Format	Color
Hex	77CF48
RGB	119, 207, 72
RGB Percent	47%, 81%, 28%
CMY	0.5333, 0.1882, 0.7176
CMYK	0.43, 0.00, 0.65, 0.19
HSL	99°, 58%, 55%
HSV	99°, 65%, 81%
XYZ	31.0903, 49.0155, 13.9532
YIQ	165.2980, -9.1130, -60.6410

Conversions

Conversions Part 2

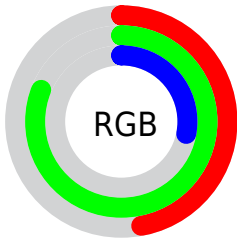
Format	Color
RYB	72, 207, 160
Decimal	7851848
CIELab	75.46, -49.72, 56.86
CIElCh	75, 75.532, 131.168
Yxy	49.0155, 0.3305, 0.5211
Android (android.graphics.Color)	4286041928 (0xFF77CF48)
YUV	165.2980, -45.9959, -40.6033
Hunter-Lab	70.0110, -43.2516, 37.1912

Details

The Hex color **77CF48** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **A048CF**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **B1FF7E**, and **3C9805** is the 20% darker color. If you saturate the color by 10%, you get **6ACF33**, and if you desaturate by 10%, it is **84CF5D**.

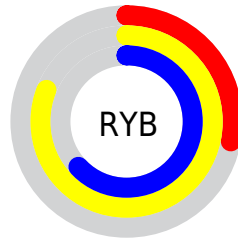
Distribution



Red (47%)

Green (81%)

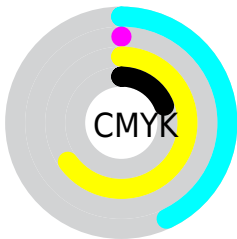
Blue (28%)



Red (28%)

Yellow (81%)

Blue (63%)

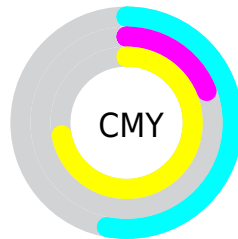


Cyan (43%)

Magenta (0%)

Yellow (65%)

Black (19%)



Cyan (53%)

Magenta (19%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77CF48 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 77CF48 by changing the saturation by 10% instead.

 77CF48

 77CF48

FFFFFF

 5AB32C

 B1FF7E

 3C9805

 CEFF9A

 187D00

 EBFFB6

 006400

 FFFFD2

 004B00

 FFFFEE

 003300

 001C00

 000000

 77CF48

 77CF48

 6ACF33

 84CF5D

 5CCF1F

 92CF71

 4FCF0A

 9FCF86

 48CF00

 ADCF9B

 BACFB0

 C8CFC4

 D5CFD9

 E3CFEE

 F0CFFF

Harmonies

Analogous

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



C4BF14



77CF48



00D88A

Triad

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



77CF48



00CEFF



FF75A3

Complementary

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



77CF48



A048CF

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.



FF7EE9



77CF48



53B9FF

Square

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



77CF48



00D8FF



DE9CFF



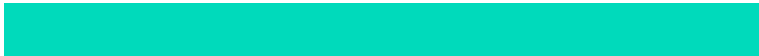
FF8961

Rectangle

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



77CF48



00DABB



DE9CFF



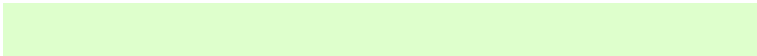
FF75BA

Sweetspot

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



77CF48



DEFFCC



CFA048



6C8061



000000



808080

Same Dimension

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



77CF48



7DFF38



48CF5C



62695E



3BA800



0E2900

Inverse Universe

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



A048CF



BA38FF



CF48BB



655E69



6E00A8



1B0029

Previews

White Background



This preview shows how the Hex color 77CF48 looks on a white background.

Color Contrast Check

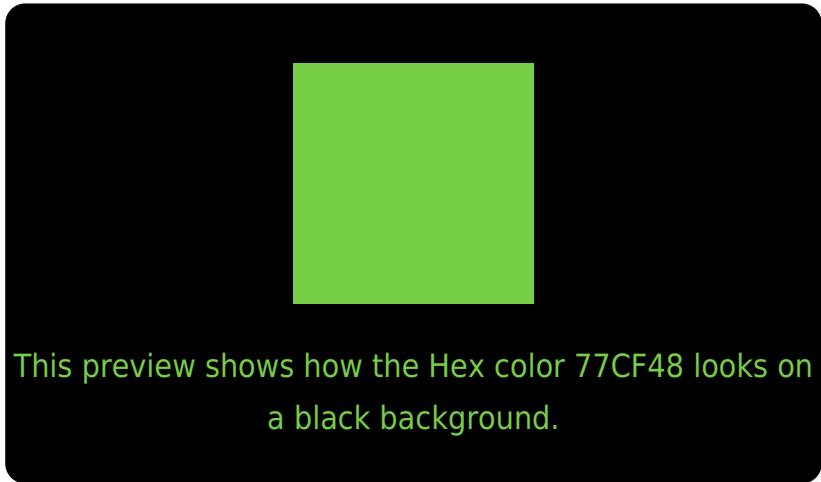
Large Text (above 18pt) WCAG AA × Fail

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 77CF48 Background



This preview shows how black text looks on a background with the Hex color 77CF48.

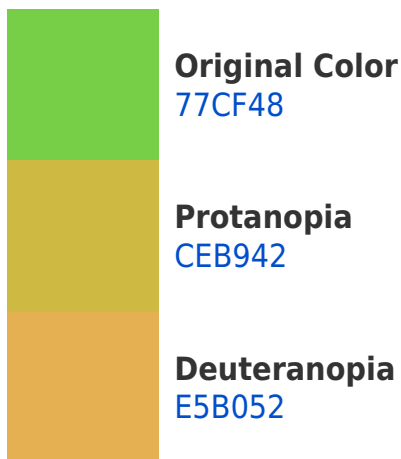


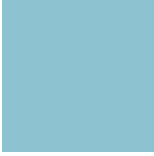
This preview shows how white text looks on a background with the Hex color 77CF48.

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](#).

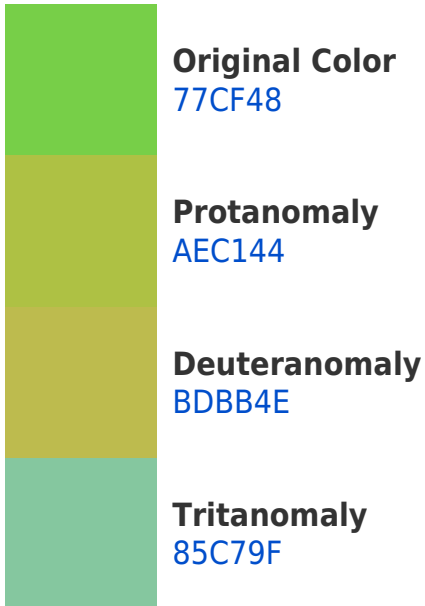
Dichromacy



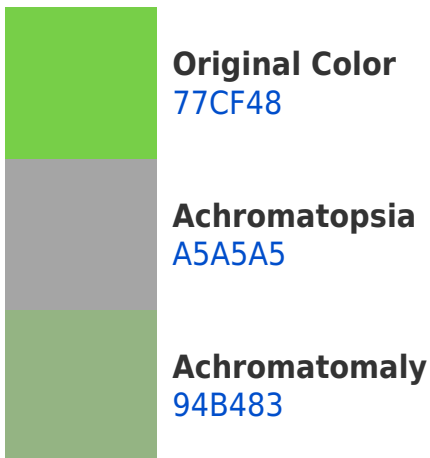


Tritanopia
8DC2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77CF48 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 #77CF48 looks like.

```
.text, #text, p{  
    color:#77CF48  
}
```

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 #77CF48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77CF48  
}
```

Border

The CSS property to change the border of an element to Hex 77CF48 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  
#77CF48 }
```

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

```
.border{ border-color:#77CF48 }
```

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

Here you see how a box with a 4 pixel #77CF48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77CF48; -webkit-box-shadow:4px 4px  
4px 4px #77CF48; box-shadow:4px 4px 4px  
4px #77CF48 }
```

Background

The CSS property to change the background color of an element to Hex 77CF48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77CF48 }
```

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

```
.background{ background-color:#77CF48 }
```

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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