

Converting Colors

Hex(76CE4C)

Have a look what the booklet for
Hex(76CE4C) contains.

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Color

Hex(76CE4C)

Conversions

Conversions Part 1

Format	Color
Hex	76CE4C
RGB	118, 206, 76
RGB Percent	46%, 81%, 30%
CMY	0.5373, 0.1922, 0.7020
CMYK	0.43, 0.00, 0.63, 0.19
HSL	101°, 57%, 55%
HSV	101°, 63%, 81%
XYZ	30.8470, 48.5160, 14.5762
YIQ	164.8680, -10.7180, -59.0860

Conversions

Conversions Part 2

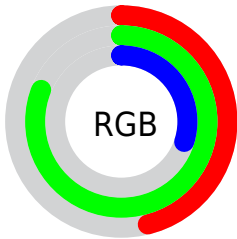
Format	Color
RYB	76, 206, 164
Decimal	7786060
CIELab	75.15, -49.28, 54.84
CIELCh	75, 73.729, 131.941
Yxy	48.5160, 0.3284, 0.5165
Android (android.graphics.Color)	4285976140 (0xFF76CE4C)
YUV	164.8680, -43.8119, -41.1032
Hunter-Lab	69.6534, -42.8421, 36.3499

Details

The Hex color **76CE4C** 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 **A44CCE**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **AFFF82**, and **3B9710** is the 20% darker color. If you saturate the color by 10%, you get **68CE37**, and if you desaturate by 10%, it is **84CE61**.

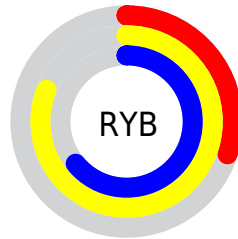
Distribution



Red (46%)

Green (81%)

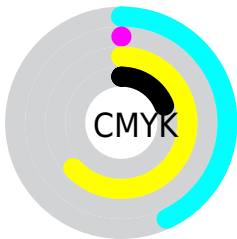
Blue (30%)



Red (30%)

Yellow (81%)

Blue (64%)

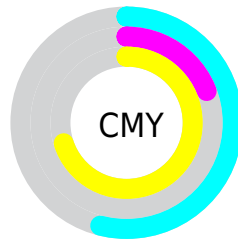


Cyan (43%)

Magenta (0%)

Yellow (63%)

Black (19%)



Cyan (54%)

Magenta (19%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76CE4C 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 76CE4C by changing the saturation by 10% instead.

 76CE4C

 76CE4C

FFFFFF

 59B231

 AFFF82

 3B9710

 CCFF9D

 177C00

 EAFFB9

 006300

 FFFFD6

 004A00

 FFFFF3

 003300

 001B00

 000000

 76CE4C

 76CE4C

 68CE37

 84CE61

 5ACE23

 92CE75

 4CCE0E

 A0CE8A

 43CE00

 AECE9E

 BCCEB3

 CACEC8

 D8CEDC

 E6CEF1

 F4CEFF

Harmonies

Analogous

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



C2BE1D



76CE4C



00D68C

Triad

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



76CE4C



00CCFF



FF77A1

Complementary

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



76CE4C



A44CCE

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.



FF7FE5



76CE4C



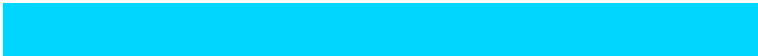
5EB8FF

Square

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



76CE4C



00D6FF



DF9BFF



FF8A61

Rectangle

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



76CE4C



00D9BC



DF9BFF



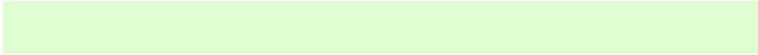
FF76B7

Sweetspot

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



76CE4C



DEFFCF



CEA34C



6C8062



000000



808080

Same Dimension

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



76CE4C



7CFF3D



4CCE62



5F665C



36A600



0C2600

Inverse Universe

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



A44CCE



C03DFF



CE4CB8



635C66



7000A6



1A0026

Previews

White Background



This preview shows how the Hex color 76CE4C 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 76CE4C 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 76CE4C Background



This preview shows how black text looks on a background with the Hex color 76CE4C.

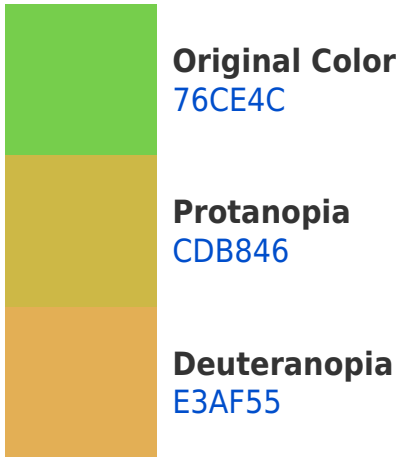


This preview shows how white text looks on a background with the Hex color 76CE4C.

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
8CC1D0

Trichromacy



Original Color
76CE4C



Protanomaly
ADC048



Deuteranomaly
BBBA52

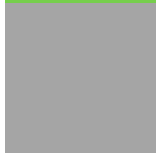


Tritanomaly
84C6A0

Monochromacy



Original Color
76CE4C



Achromatopsia
A5A5A5



Achromatomaly
94B485

CSS Examples

Text

The CSS property to change the color of the text to Hex 76CE4C 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 #76CE4C looks like.

```
.text, #text, p{  
    color:#76CE4C  
}
```

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 #76CE4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76CE4C
}
```

Border

The CSS property to change the border of an element to Hex 76CE4C 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
#76CE4C }
```

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

```
.border{ border-color:#76CE4C }
```

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

Here you see how a box with a 4 pixel #76CE4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76CE4C; -webkit-box-shadow:4px 4px  
4px 4px #76CE4C; box-shadow:4px 4px 4px  
4px #76CE4C }
```

Background

The CSS property to change the background color of an element to Hex 76CE4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76CE4C }
```

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

```
.background{ background-color:#76CE4C }
```

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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