

Converting Colors

Hex(76CC2F)

Have a look what the booklet for
Hex(76CC2F) contains.

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Color

Hex(76CC2F)

Conversions

Conversions Part 1

Format	Color
Hex	76CC2F
RGB	118, 204, 47
RGB Percent	46%, 80%, 18%
CMY	0.5373, 0.2000, 0.8157
CMYK	0.42, 0.00, 0.77, 0.20
HSL	93°, 63%, 49%
HSV	93°, 77%, 80%
XYZ	29.5772, 47.2425, 10.2492
YIQ	160.3880, -0.8590, -67.0590

Conversions

Conversions Part 2

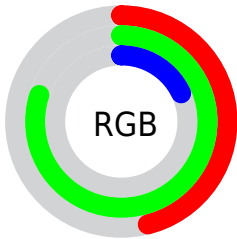
Format	Color
RYB	47, 204, 133
Decimal	7785519
CIELab	74.34, -50.59, 64.79
CIELCh	74, 82.201, 127.985
Yxy	47.2425, 0.3397, 0.5426
Android (android.graphics.Color)	4285975599 (0xFF76CC2F)
YUV	160.3880, -55.9003, -37.1743
Hunter-Lab	68.7332, -43.4712, 39.2722

Details

The Hex color **76CC2F** 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 **852FCC**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B0FF69**, and **3A9500** is the 20% darker color. If you saturate the color by 10%, you get **6BCC1B**, and if you desaturate by 10%, it is **81CC43**.

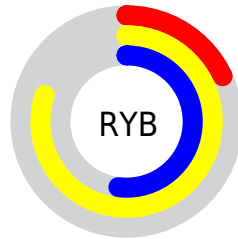
Distribution



Red (46%)

Green (80%)

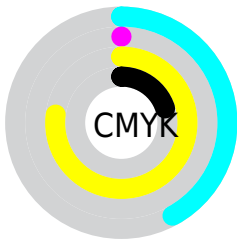
Blue (18%)



Red (18%)

Yellow (80%)

Blue (52%)

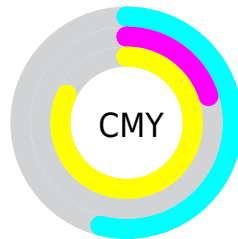


Cyan (42%)

Magenta (0%)

Yellow (77%)

Black (20%)



Cyan (54%)

Magenta (20%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76CC2F 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 76CC2F by changing the saturation by 10% instead.

 76CC2F

 76CC2F


FFFFFF

 59B003

 B0FF69

 3A9500

 CEFF85

 127B00

 EBFFA1

 006100

 FFFFBD

 004800

 FFFFDA

 003100

 FFFFF8

 001800

 000000

 76CC2F

 76CC2F

 6BCC1B

 81CC43

 60CC06

 8CCC58

 5CCC00

 98CC6C

 A3CC81

 AECC95

 B9CCA9

 C4CCBE

 CFCCD2

 DBCCE7

Harmonies

Analogous

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



C8BA00



76CC2F



00D67B

Triad

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



76CC2F



00CEFF



FF67A6

Complementary

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



76CC2F



852FCC

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.



FF75F1



76CC2F



00B9FF

Square

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



76CC2F



00D8FF



D299FF



FF7C5D

Rectangle

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



76CC2F



00D9AF



D299FF



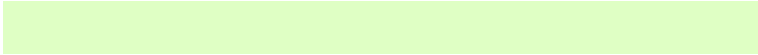
FF67BF

Sweetspot

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



76CC2F



DFFFC4



CC832F



6C805C



000000



808080

Same Dimension

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



76CC2F



7EFF14



2FCC34



60665C



4BA600



112600

Inverse Universe

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



852FCC



9514FF



CC2FC7



615C66



5B00A6



150026

Previews

White Background



This preview shows how the Hex color 76CC2F looks on a white background.

Color Contrast Check

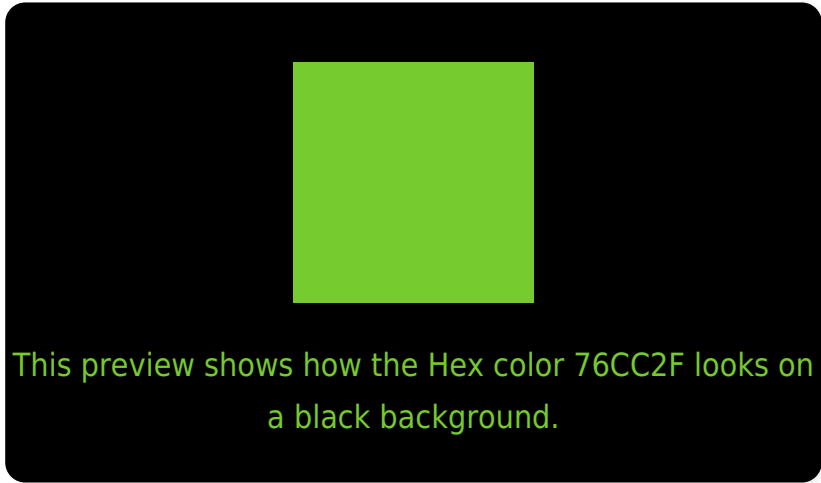
Large Text (above 18pt) WCAG AA × Fail

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 76CC2F Background



This preview shows how black text looks on a background with the Hex color 76CC2F.

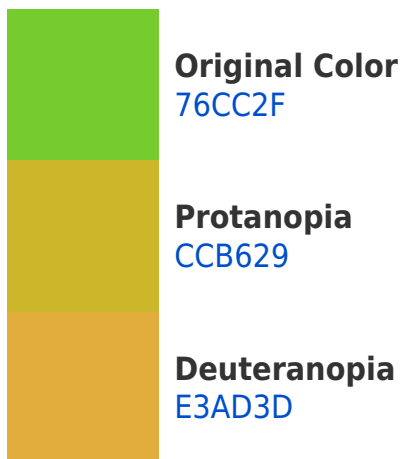


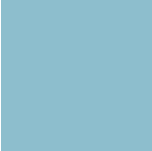
This preview shows how white text looks on a background with the Hex color 76CC2F.

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](#).

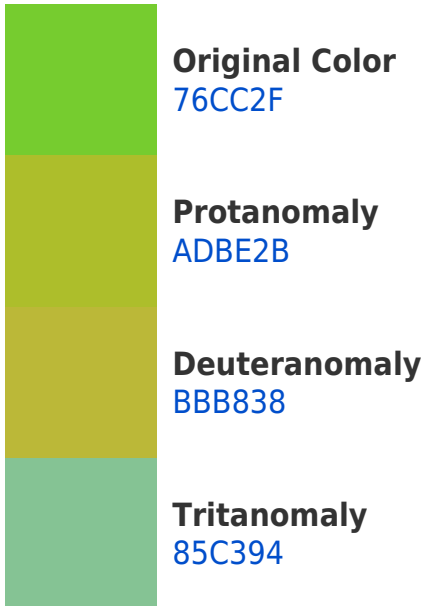
Dichromacy





Tritanopia
8DBECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76CC2F 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 #76CC2F looks like.

```
.text, #text, p{  
    color:#76CC2F  
}
```

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 #76CC2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76CC2F
}
```

Border

The CSS property to change the border of an element to Hex 76CC2F 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
#76CC2F }
```

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

```
.border{ border-color:#76CC2F }
```

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

Here you see how a box with a 4 pixel #76CC2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76CC2F; -webkit-box-shadow:4px 4px  
4px 4px #76CC2F; box-shadow:4px 4px 4px  
4px #76CC2F }
```

Background

The CSS property to change the background color of an element to Hex 76CC2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76CC2F }
```

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

```
.background{ background-color:#76CC2F }
```

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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