

Converting Colors

Hex(74F011)

Have a look what the booklet for
Hex(74F011) contains.

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Color

Hex(74F011)

Conversions

Conversions Part 1

Format	Color
Hex	74F011
RGB	116, 240, 17
RGB Percent	45%, 94%, 7%
CMY	0.5451, 0.0588, 0.9333
CMYK	0.52, 0.00, 0.93, 0.06
HSL	93°, 88%, 50%
HSV	93°, 93%, 94%
XYZ	38.4637, 66.0737, 11.2566
YIQ	177.5020, -2.3210, -95.6410

Conversions

Conversions Part 2

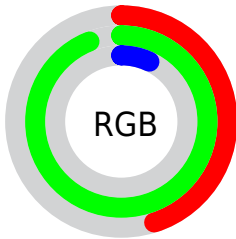
Format	Color
R _Y B	17, 240, 141
Decimal	7663633
CIE Lab	85.03, -65.66, 80.33
CIE LCh	85, 103.748, 129.260
Yxy	66.0737, 0.3322, 0.5706
Android (android.graphics.Color)	4285853713 (0xFF74F011)
YUV	177.5020, -79.1275, -53.9373
Hunter-Lab	81.2857, -57.7852, 48.6894

Details

The Hex color **74F011** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **8D11F0**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B2FF5E**, and **2BB700** is the 20% darker color. If you saturate the color by 10%, you get **6BF000**, and if you desaturate by 10%, it is **81F029**.

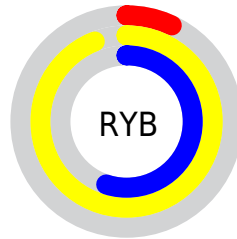
Distribution



Red (45%)

Green (94%)

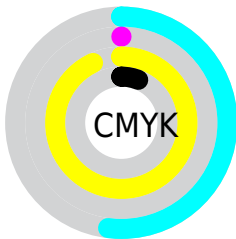
Blue (7%)



Red (7%)

Yellow (94%)

Blue (55%)

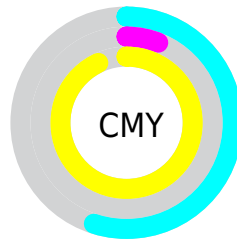


Cyan (52%)

Magenta (0%)

Yellow (93%)

Black (6%)



Cyan (55%)

Magenta (6%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74F011 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 74F011 by changing the saturation by 10% instead.

 74F011

 74F011


FFFFFF

 53D300

 B2FF5E

 2BB700

 D1FF7C

 009B00

 F0FF9A

 008000

 FFFFB7

 006600

 FFFFD5

 004C00

 FFFFF3

 003500

 001A00

 000000

 74F011

 74F011

 6BF000

 81F029

 8FF041

 9CF059

 A9F071

 B7F089

 C4F0A1

 D1F0B9

 DFF0D1

 ECF0E9

Harmonies

Analogous

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



E3DA00



74F011



00FB8A

Triad

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



74F011



00F2FF



FF5FBA

Complementary

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



74F011



8D11F0

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.



FF76FF



74F011



00D7FF

Square

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



74F011



00FEFF



FBABFF



FF855C

Rectangle

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



74F011



00FFCF



FBABFF



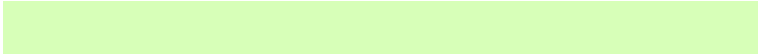
FF5FDB

Sweetspot

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



74F011



D7FFB8



F08C11



678054



000000



808080

Same Dimension

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



74F011



71FF00



11F01C



71786C



52B800



193800

Inverse Universe

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



8D11F0



8E00FF



F011E5



736C78



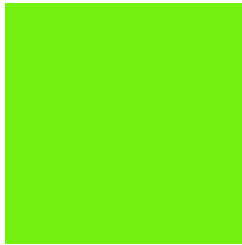
6600B8



1F0038

Previews

White Background



This preview shows how the Hex color 74F011 looks on a white background.

Color Contrast Check

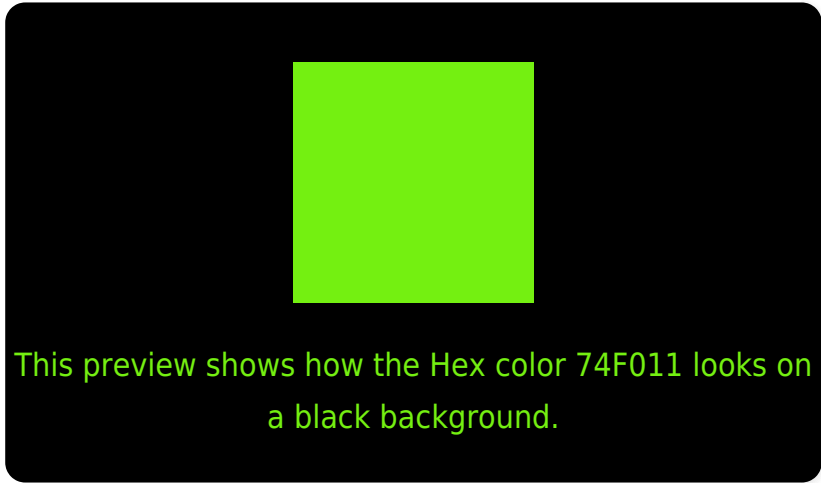
Large Text (above 18pt) WCAG AA × Fail

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

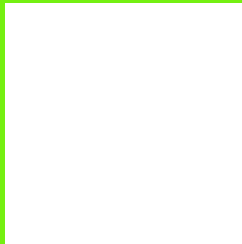
Any Text WCAG AAA ✓ Pass

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

Hex 74F011 Background



This preview shows how black text looks on a background with the Hex color 74F011.

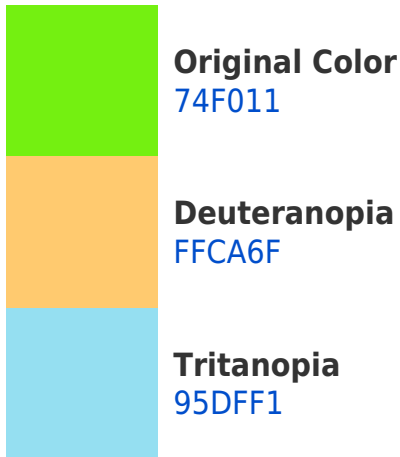


This preview shows how white text looks on a background with the Hex color 74F011.

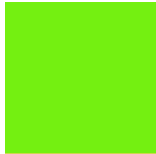
Color Blindness Simulation

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

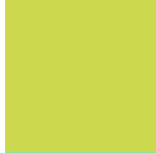


Trichromacy



Original Color

74F011



Deuteranomaly

CCD84D



Tritanomaly

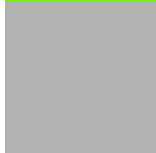
89E5A0

Monochromacy



Original Color

74F011



Achromatopsia

B2B2B2



Achromatomaly

9BC977

CSS Examples

Text

The CSS property to change the color of the text to Hex 74F011 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 #74F011 looks like.

```
.text, #text, p{  
    color:#74F011  
}
```

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 #74F011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74F011
}
```

Border

The CSS property to change the border of an element to Hex 74F011 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
#74F011 }
```

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

```
.border{ border-color:#74F011 }
```

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

Here you see how a box with a 4 pixel #74F011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74F011; -webkit-box-shadow:4px 4px  
4px 4px #74F011; box-shadow:4px 4px 4px  
4px #74F011 }
```

Background

The CSS property to change the background color of an element to Hex 74F011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74F011 }
```

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

```
.background{ background-color:#74F011 }
```

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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