

Converting Colors

Hex(70E01F)

Have a look what the booklet for
Hex(70E01F) contains.

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Color

Hex(70E01F)

Conversions

Conversions Part 1

Format	Color
Hex	70E01F
RGB	112, 224, 31
RGB Percent	44%, 88%, 12%
CMY	0.5608, 0.1216, 0.8784
CMYK	0.50, 0.00, 0.86, 0.12
HSL	95°, 76%, 50%
HSV	95°, 86%, 88%
XYZ	33.5851, 56.8550, 10.5003
YIQ	168.5100, -4.7990, -83.7670

Conversions

Conversions Part 2

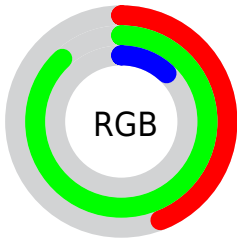
Format	Color
RYB	31, 224, 143
Decimal	7397407
CIELab	80.10, -60.73, 73.97
CIELCh	80, 95.706, 129.386
Yxy	56.8550, 0.3327, 0.5633
Android (android.graphics.Color)	4285587487 (0xFF70E01F)
YUV	168.5100, -67.7924, -49.5593
Hunter-Lab	75.4022, -52.4479, 44.5250

Details

The Hex color **70E01F** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **8F1FE0**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **ADFF61**, and **2BA800** is the 20% darker color. If you saturate the color by 10%, you get **63E009**, and if you desaturate by 10%, it is **7DE035**.

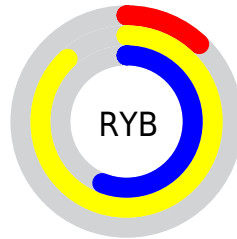
Distribution



Red (44%)

Green (88%)

Blue (12%)



Red (12%)

Yellow (88%)

Blue (56%)

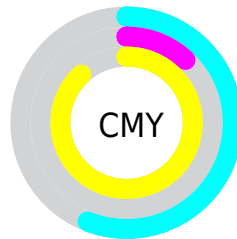


Cyan (50%)

Magenta (0%)

Yellow (86%)

Black (12%)



Cyan (56%)

Magenta (12%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70E01F 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 70E01F by changing the saturation by 10% instead.

 70E01F

 70E01F

FFFFFF

 50C400

 ADFF61

 2BA800

 CBFF7E

 008D00

 EAFF9B

 007200

 FFFFB8

 005800

 FFFFD6

 003F00

 FFFFF3

 002800

 000100

 000000

 70E01F

 70E01F

 63E009

 7DE035

 5EE000

 8AE04C

 97E062

 A4E079

 B1E08F

 BEE0A5

 CBE0BC

 D8E0D2

 E5E0E9

Harmonies

Analogous

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



D5CC00



70E01F



00EB84

Triad

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



70E01F



00E1FF



FF60AF

Complementary

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



70E01F



8F1FE0

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.



FF72FF



70E01F



00C9FF

Square

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



70E01F



00ECFF



EBA1FF



FF8059

Rectangle

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



70E01F



00EEC2



EBA1FF



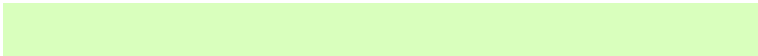
FF60CC

Sweetspot

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



70E01F



D9FFBD



E08C1F



698058



000000



808080

Same Dimension

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



70E01F



6BFF00



1FE02C



6A7065



4AB000



143000

Inverse Universe

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



8F1FE0



9400FF



E01FD3



6B6570



6600B0



1C0030

Previews

White Background



This preview shows how the Hex color 70E01F looks on a white background.

Color Contrast Check

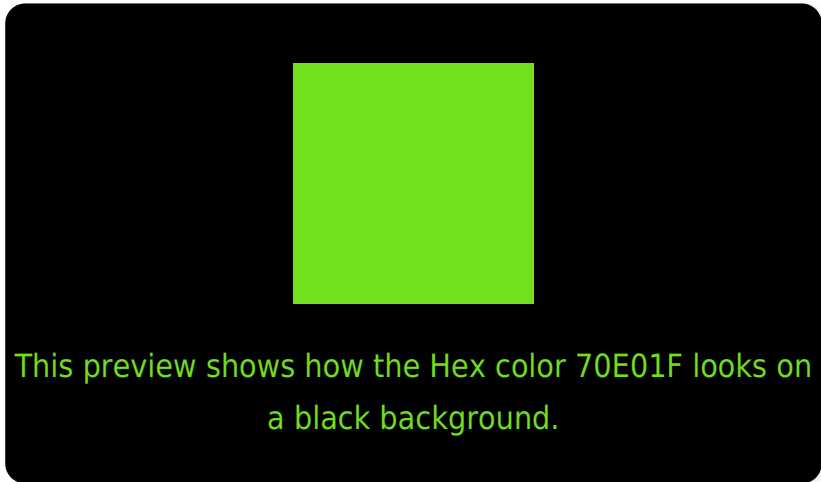
Large Text (above 18pt) WCAG AA × Fail

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

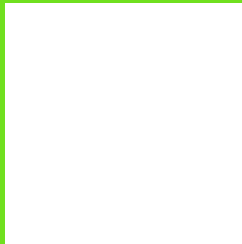
Any Text WCAG AAA ✓ Pass

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

Hex 70E01F Background



This preview shows how black text looks on a background with the Hex color 70E01F.

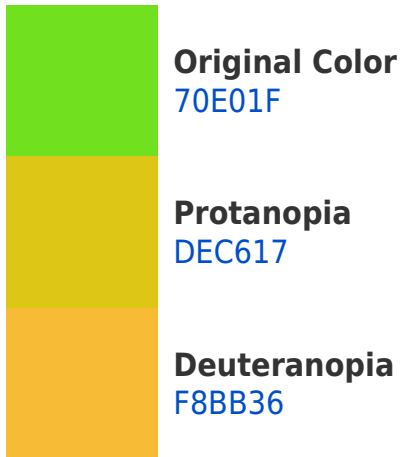


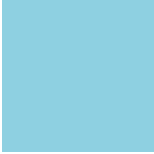
This preview shows how white text looks on a background with the Hex color 70E01F.

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
8ED0E1

Trichromacy



Original Color

70E01F



Protanomaly

B6CF1A



Deuteranomaly

C7C82E



Tritanomaly

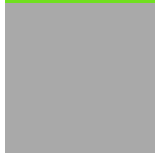
83D69A

Monochromacy



Original Color

70E01F



Achromatopsia

A9A9A9



Achromatomaly

94BD77

CSS Examples

Text

The CSS property to change the color of the text to Hex 70E01F 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 #70E01F looks like.

```
.text, #text, p{  
    color:#70E01F  
}
```

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 #70E01F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70E01F
}
```

Border

The CSS property to change the border of an element to Hex 70E01F 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
#70E01F }
```

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

```
.border{ border-color:#70E01F }
```

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

Here you see how a box with a 4 pixel #70E01F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70E01F; -webkit-box-shadow:4px 4px  
4px 4px #70E01F; box-shadow:4px 4px 4px  
4px #70E01F }
```

Background

The CSS property to change the background color of an element to Hex 70E01F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70E01F }
```

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

```
.background{ background-color:#70E01F }
```

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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