

Converting Colors

Hex(74E43F)

Have a look what the booklet for
Hex(74E43F) contains.

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Color

Hex(74E43F)

Conversions

Conversions Part 1

Format	Color
Hex	74E43F
RGB	116, 228, 63
RGB Percent	45%, 89%, 25%
CMY	0.5451, 0.1059, 0.7529
CMYK	0.49, 0.00, 0.72, 0.11
HSL	101°, 75%, 57%
HSV	101°, 72%, 89%
XYZ	35.8431, 59.5587, 14.3095
YIQ	175.7020, -13.7870, -75.0590

Conversions

Conversions Part 2

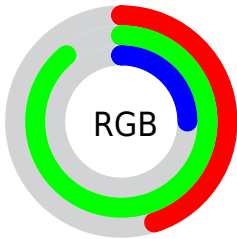
Format	Color
RYB	63, 228, 175
Decimal	7660607
CIELab	81.60, -59.44, 66.59
CIELCh	82, 89.261, 131.755
Yxy	59.5587, 0.3267, 0.5429
Android (android.graphics.Color)	4285850687 (0xFF74E43F)
YUV	175.7020, -55.5621, -52.3587
Hunter-Lab	77.1743, -52.1519, 43.0286

Details

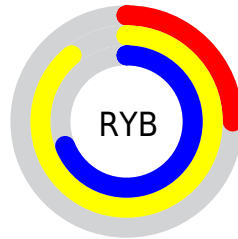
The Hex color **74E43F** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle washed chartreuse. A complement of this color would be **AF3FE4**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **B0FF78**, and **32AC00** is the 20% darker color. If you saturate the color by 10%, you get **65E428**, and if you desaturate by 10%, it is **83E456**.

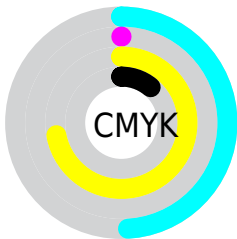
Distribution



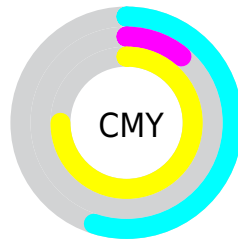
- Red (45%)
- Green (89%)
- Blue (25%)



- Red (25%)
- Yellow (89%)
- Blue (69%)



- Cyan (49%)
- Magenta (0%)
- Yellow (72%)
- Black (11%)



- Cyan (55%)
- Magenta (11%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74E43F 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 74E43F by changing the saturation by 10% instead.

 74E43F

 74E43F

FFFFFF

 55C71D

 B0FF78

 32AC00

 CEFF94

 009000

 ECFFB1

 007600

 FFFFCE

 005C00

 FFFFEB

 004300

 002C00

 000B00

 000000

 74E43F

 74E43F

 65E428

 83E456

 55E411

 93E46D

 49E400

 A2E483

 B2E49A

 C1E4B1

 D1E4C8

 E0E4DF

 F0E4F5

 FFE4FF

Harmonies

Analogous

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



D4D100



74E43F



00EE93

Triad

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



74E43F



00E2FF



FF73AD

Complementary

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



74E43F



AF3FE4

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.



FF7EFF



74E43F



33CAFF

Square

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



74E43F



00EEFF



F7A5FF



FF8E5E

Rectangle

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



74E43F



00F1CD



F7A5FF



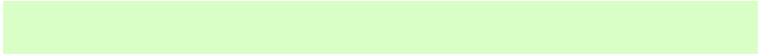
FF71C9

Sweetspot

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



74E43F



D9FFC7



E4AD3F



69805E



000000



808080

Same Dimension

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



74E43F



68FF21



3FE45A



6B7367



39B300



103300

Inverse Universe

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



AF3FE4



B821FF



E43FC8



6F6773



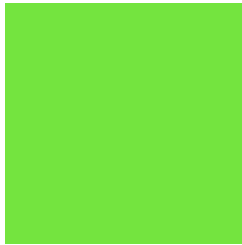
7900B3



230033

Previews

White Background



This preview shows how the Hex color 74E43F looks on a white background.

Color Contrast Check

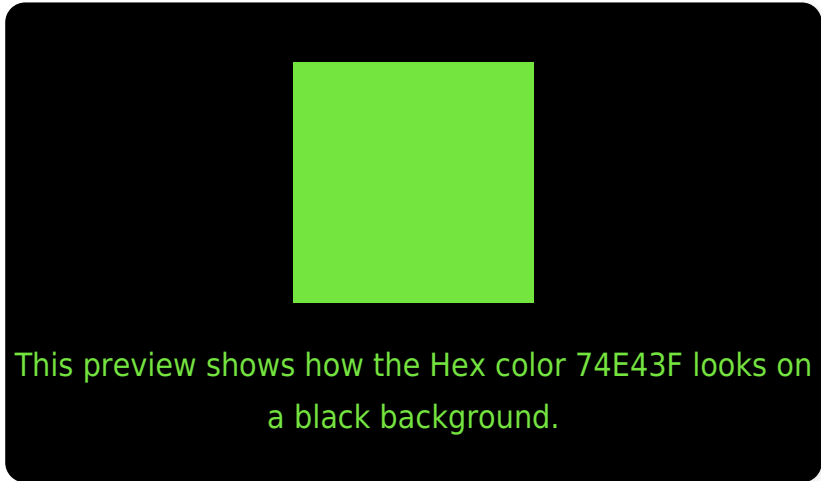
Large Text (above 18pt) WCAG AA × Fail

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 74E43F Background



This preview shows how black text looks on a background with the Hex color 74E43F.

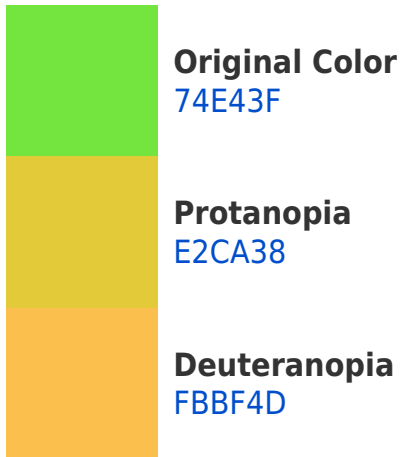


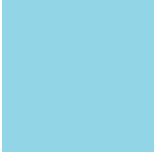
This preview shows how white text looks on a background with the Hex color 74E43F.

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](#).

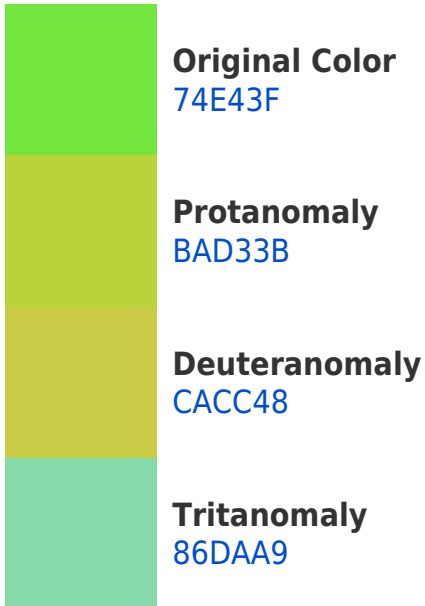
Dichromacy



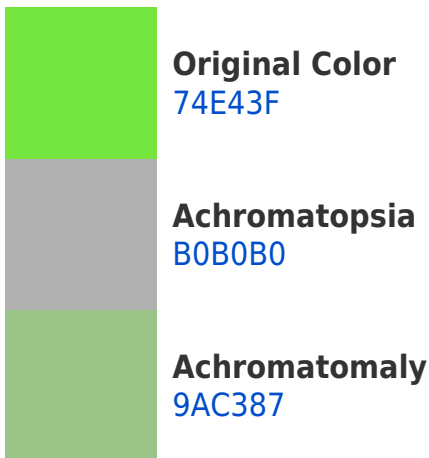


Tritanopia
91D5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74E43F 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 #74E43F looks like.

```
.text, #text, p{  
    color:#74E43F  
}
```

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 #74E43F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74E43F
}
```

Border

The CSS property to change the border of an element to Hex 74E43F 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
#74E43F }
```

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

```
.border{ border-color:#74E43F }
```

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

Here you see how a box with a 4 pixel #74E43F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74E43F; -webkit-box-shadow:4px 4px  
4px 4px #74E43F; box-shadow:4px 4px 4px  
4px #74E43F }
```

Background

The CSS property to change the background color of an element to Hex 74E43F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74E43F }
```

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

```
.background{ background-color:#74E43F }
```

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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