

Converting Colors

Hex(74EE4C)

Have a look what the booklet for
Hex(74EE4C) contains.

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Color

Hex(74EE4C)

Conversions

Conversions Part 1

Format	Color
Hex	74EE4C
RGB	116, 238, 76
RGB Percent	45%, 93%, 30%
CMY	0.5451, 0.0667, 0.7020
CMYK	0.51, 0.00, 0.68, 0.07
HSL	105°, 83%, 62%
HSV	105°, 68%, 93%
XYZ	39.0815, 65.3839, 17.3980
YIQ	183.0540, -20.7100, -76.2460

Conversions

Conversions Part 2

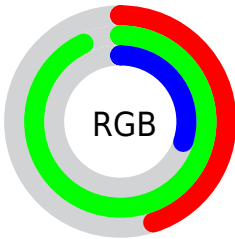
Format	Color
RYB	76, 238, 198
Decimal	7663180
CIELab	84.68, -62.17, 65.06
CIELCh	85, 89.986, 133.697
Yxy	65.3839, 0.3207, 0.5365
Android (android.graphics.Color)	4285853260 (0xFF74EE4C)
YUV	183.0540, -52.7776, -58.8064
Hunter-Lab	80.8603, -55.2327, 43.8453

Details

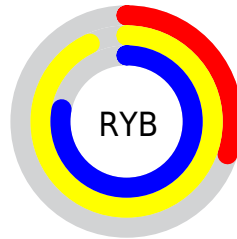
The Hex color **74EE4C** is a dark color, and the websafe version is hex **99FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **C64CEE**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **B1FF84**, and **30B500** is the 20% darker color. If you saturate the color by 10%, you get **62EE34**, and if you desaturate by 10%, it is **86EE64**.

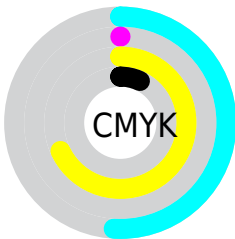
Distribution



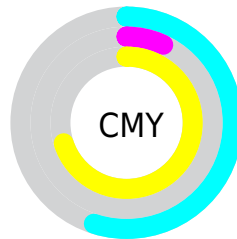
- Red (45%)
- Green (93%)
- Blue (30%)



- Red (30%)
- Yellow (93%)
- Blue (78%)



- Cyan (51%)
- Magenta (0%)
- Yellow (68%)
- Black (7%)



- Cyan (55%)
- Magenta (7%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74EE4C 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 74EE4C by changing the saturation by 10% instead.

 74EE4C

 74EE4C

FFFFFF

 54D12E

 B1FF84

 30B500

 CFFFA0

 009900

 EDFFBD

 007F00

 FFFFDA

 006400

 FFFFF7

 004B00

 003400

 001900

 000000

 74EE4C

 74EE4C

 62EE34

 86EE64

 50EE1C

 98EE7C

 3EEE05

 AAEE93

 3BEE00

 BCEEAB

 CEEEC3

 E0EEDB

 F1EEF3

 FFEEFF

Harmonies

Analogous

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



D7DC00



74EE4C



00F8A0

Triad

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



74EE4C



00EAFB



FF7CB0

Complementary

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



74EE4C



C64CEE

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.



FF85FF



74EE4C



5FD0FF

Square

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



74EE4C



00F7FF



FFAAFF



FF9961

Rectangle

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



74EE4C



00FADC



FFAAFF



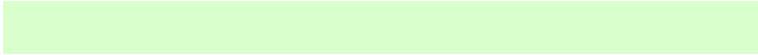
FF7ACC

Sweetspot

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



74EE4C



D9FFCC



EEC54C



688061



000000



808080

Same Dimension

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



74EE4C



62FF2E



4CEE75



6F786C



2DB800



0E3800

Inverse Universe

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



C64CEE



CB2EFF



EE4CC5



756C78



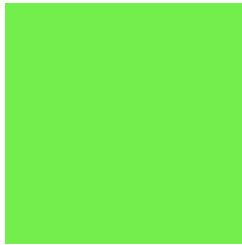
8A00B8



2A0038

Previews

White Background



This preview shows how the Hex color 74EE4C 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 74EE4C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

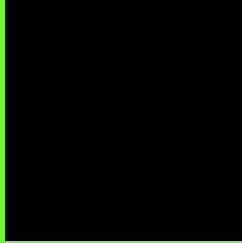
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

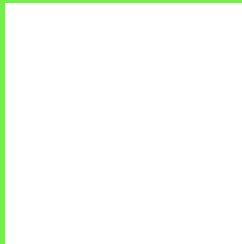
Any Text WCAG AAA ✓ Pass

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

Hex 74EE4C Background



This preview shows how black text looks on a background with the Hex color 74EE4C.

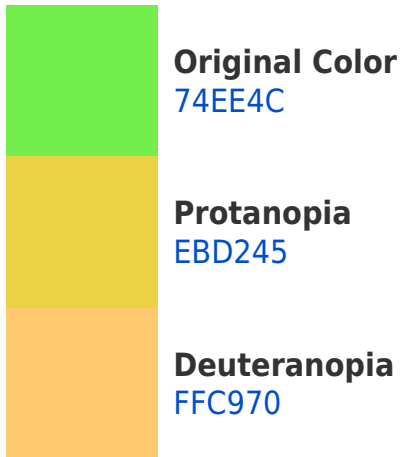


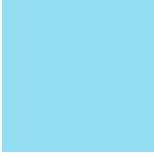
This preview shows how white text looks on a background with the Hex color 74EE4C.

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
93DEF0

Trichromacy



Original Color

74EE4C



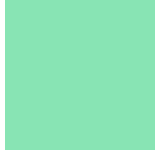
Protanomaly

C0DC48



Deuteranomaly

CCD663



Tritanomaly

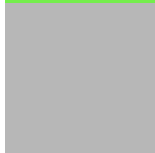
88E4B4

Monochromacy



Original Color

74EE4C



Achromatopsia

B7B7B7



Achromatomaly

9FCB90

CSS Examples

Text

The CSS property to change the color of the text to Hex 74EE4C 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 #74EE4C looks like.

```
.text, #text, p{  
    color:#74EE4C  
}
```

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 #74EE4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74EE4C
}
```

Border

The CSS property to change the border of an element to Hex 74EE4C 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
#74EE4C }
```

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

```
.border{ border-color:#74EE4C }
```

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

Here you see how a box with a 4 pixel #74EE4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74EE4C; -webkit-box-shadow:4px 4px  
4px 4px #74EE4C; box-shadow:4px 4px 4px  
4px #74EE4C }
```

Background

The CSS property to change the background color of an element to Hex 74EE4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74EE4C }
```

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

```
.background{ background-color:#74EE4C }
```

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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