

Converting Colors

Hex(75EE4E)

Have a look what the booklet for
Hex(75EE4E) contains.

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Color

Hex(75EE4E)

Conversions

Conversions Part 1

Format	Color
Hex	75EE4E
RGB	117, 238, 78
RGB Percent	46%, 93%, 31%
CMY	0.5412, 0.0667, 0.6941
CMYK	0.51, 0.00, 0.67, 0.07
HSL	105°, 82%, 62%
HSV	105°, 67%, 93%
XYZ	39.2858, 65.4810, 17.7763
YIQ	183.5810, -20.7560, -75.4120

Conversions

Conversions Part 2

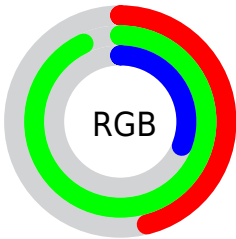
Format	Color
RYB	78, 238, 199
Decimal	7728718
CIELab	84.73, -61.73, 64.36
CIELCh	85, 89.185, 133.805
Yxy	65.4810, 0.3206, 0.5344
Android (android.graphics.Color)	4285918798 (0xFF75EE4E)
YUV	183.5810, -52.0514, -58.3915
Hunter-Lab	80.9204, -54.9511, 43.6197

Details

The Hex color **75EE4E** 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 **C74EEE**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **B2FF86**, and **32B505** is the 20% darker color. If you saturate the color by 10%, you get **63EE36**, and if you desaturate by 10%, it is **87EE66**.

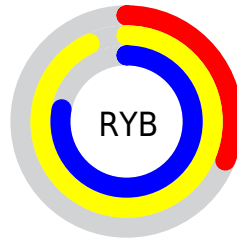
Distribution



Red (46%)

Green (93%)

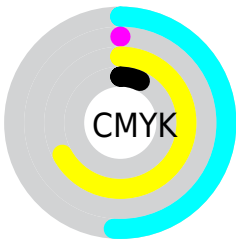
Blue (31%)



Red (31%)

Yellow (93%)

Blue (78%)

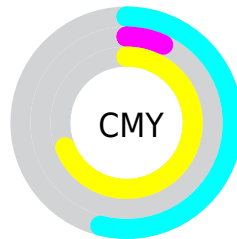


Cyan (51%)

Magenta (0%)

Yellow (67%)

Black (7%)



Cyan (54%)

Magenta (7%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75EE4E 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 75EE4E by changing the saturation by 10% instead.

 75EE4E

 75EE4E


FFFFFF

 55D130

 B2FF86

 32B505

 D0FFA2

 009900

 EEFFBF

 007F00

 FFFFDC

 006400

 FFFFF9

 004B00

 003400

 001900

 000000

 75EE4E

 75EE4E

 63EE36

 87EE66

 51EE1E

 99EE7E

 3FEE07

 ABEE95

 3AEE00

 BDEEAD

 CFEEC5

 E1EEDD

 F3EEF5

 FFE EFF

Harmonies

Analogous

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



D8DC00



75EE4E



00F8A1

Triad

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



75EE4E



00EAFB



FF7EB0

Complementary

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



75EE4E



C74EEE

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.



FF86FF



75EE4E



63D0FF

Square

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



75EE4E



00F7FF



FFABFF



FF9A61

Rectangle

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



75EE4E



00FADC



FFABFF



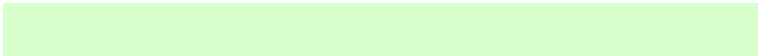
FF7CCC

Sweetspot

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



75EE4E



D8FFCC



EEC64E



688061



000000



808080

Same Dimension

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



75EE4E



63FF30



4EEE76



6F786C



2DB800



0E3800

Inverse Universe

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



C74EEE



CD30FF



EE4EC6



756C78



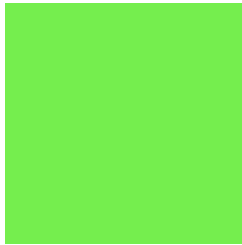
8B00B8



2A0038

Previews

White Background



This preview shows how the Hex color 75EE4E 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 75EE4E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

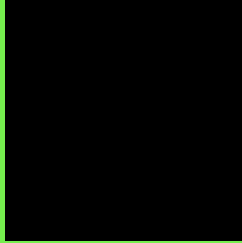
Any Text WCAG AA ✓ Pass

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 75EE4E Background



This preview shows how black text looks on a background with the Hex color 75EE4E.

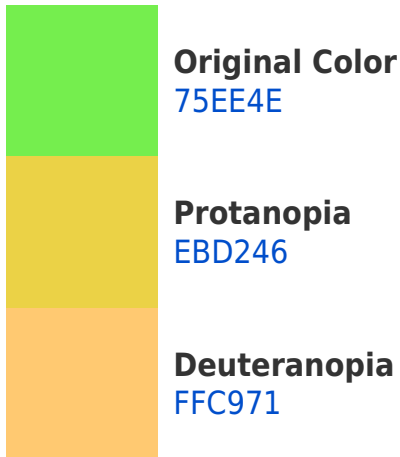


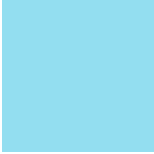
This preview shows how white text looks on a background with the Hex color 75EE4E.

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](#).

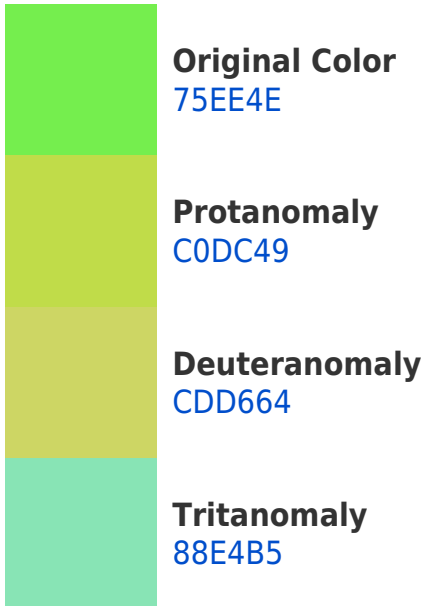
Dichromacy



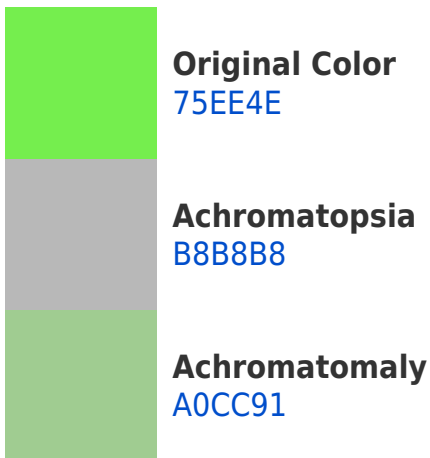


Tritanopia
93DEF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75EE4E 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 #75EE4E looks like.

```
.text, #text, p{  
    color:#75EE4E  
}
```

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 #75EE4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75EE4E
}
```

Border

The CSS property to change the border of an element to Hex 75EE4E 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
#75EE4E }
```

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

```
.border{ border-color:#75EE4E }
```

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

Here you see how a box with a 4 pixel #75EE4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75EE4E; -webkit-box-shadow:4px 4px  
4px 4px #75EE4E; box-shadow:4px 4px 4px  
4px #75EE4E }
```

Background

The CSS property to change the background color of an element to Hex 75EE4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75EE4E }
```

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

```
.background{ background-color:#75EE4E }
```

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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