

Converting Colors

Hex(75E44E)

Have a look what the booklet for
Hex(75E44E) contains.

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Color

Hex(75E44E)

Conversions

Conversions Part 1

Format	Color
Hex	75E44E
RGB	117, 228, 78
RGB Percent	46%, 89%, 31%
CMY	0.5412, 0.1059, 0.6941
CMYK	0.49, 0.00, 0.66, 0.11
HSL	104°, 74%, 60%
HSV	104°, 66%, 89%
XYZ	36.4547, 59.8188, 16.8325
YIQ	177.7110, -18.0060, -70.1820

Conversions

Conversions Part 2

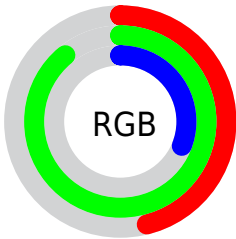
Format	Color
RYB	78, 228, 189
Decimal	7726158
CIELab	81.74, -58.01, 61.18
CIELCh	82, 84.308, 133.479
Yxy	59.8188, 0.3223, 0.5289
Android (android.graphics.Color)	4285916238 (0xFF75E44E)
YUV	177.7110, -49.1575, -53.2435
Hunter-Lab	77.3426, -51.2153, 41.2362

Details

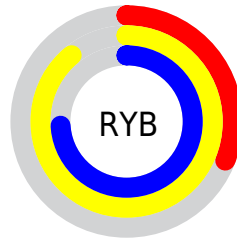
The Hex color **75E44E** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **BD4EE4**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B0FF85**, and **35AC0B** is the 20% darker color. If you saturate the color by 10%, you get **64E437**, and if you desaturate by 10%, it is **86E465**.

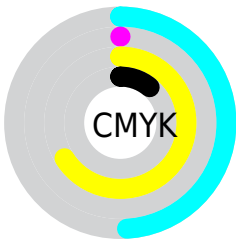
Distribution



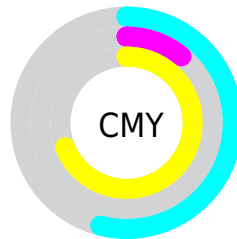
- Red (46%)
- Green (89%)
- Blue (31%)



- Red (31%)
- Yellow (89%)
- Blue (74%)



- Cyan (49%)
- Magenta (0%)
- Yellow (66%)
- Black (11%)



- Cyan (54%)
- Magenta (11%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75E44E 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 75E44E by changing the saturation by 10% instead.

 75E44E

 75E44E

FFFFFF

 56C731

 B0FF85

 35AC0B

 CEFFA1

 009000

 ECFFBE

 007600

 FFFFDA

 005C00

 FFFFF8

 004300

 002C00

 000C00

 000000

 75E44E

 75E44E

 64E437

 86E465

 53E420

 97E47C

 42E40A

 A8E492

 3BE400

 B8E4A9

 C9E4C0

 DAE4D7

 EBE4EE

 FCE4FF

 FFE4FF

Harmonies

Analogous

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



D0D300



75E44E



00ED9B

Triad

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



75E44E



00E0FF



FF7CAB

Complementary

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



75E44E



BD4EE4

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.



FF84FA



75E44E



64C8FF

Square

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



75E44E



00EDFF



FCA6FF



FF9561

Rectangle

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



75E44E



00F0D2



FCA6FF



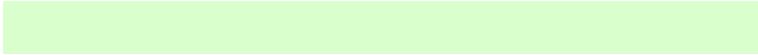
FF7AC5

Sweetspot

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



75E44E



D9FFCC



E4BC4E



698061



000000



808080

Same Dimension

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



75E44E



6AFF36



4EE471



6A7367



2EB300



0D3300

Inverse Universe

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



BD4EE4



CB36FF



E44EC1



706773



8400B3



260033

Previews

White Background



This preview shows how the Hex color 75E44E 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 75E44E 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 75E44E Background



This preview shows how black text looks on a background with the Hex color 75E44E.

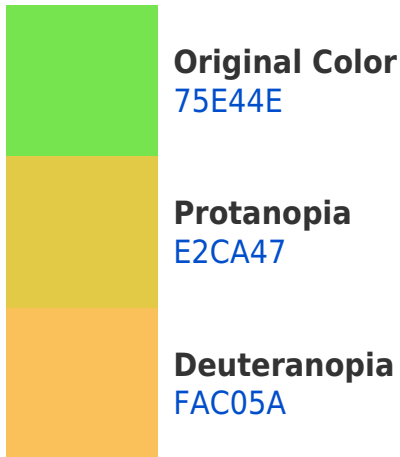


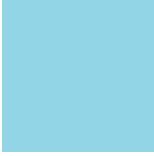
This preview shows how white text looks on a background with the Hex color 75E44E.

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



Original Color
75E44E



Protanomaly
BAD34A



Deuteranomaly
CACD56

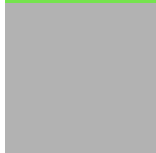


Tritanomaly
87DAAF

Monochromacy



Original Color
75E44E



Achromatopsia
B2B2B2



Achromatomaly
9CC48E

CSS Examples

Text

The CSS property to change the color of the text to Hex 75E44E 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 #75E44E looks like.

```
.text, #text, p{  
    color:#75E44E  
}
```

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 #75E44E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75E44E
}
```

Border

The CSS property to change the border of an element to Hex 75E44E 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
#75E44E }
```

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

```
.border{ border-color:#75E44E }
```

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

Here you see how a box with a 4 pixel #75E44E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75E44E; -webkit-box-shadow:4px 4px  
4px 4px #75E44E; box-shadow:4px 4px 4px  
4px #75E44E }
```

Background

The CSS property to change the background color of an element to Hex 75E44E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75E44E }
```

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

```
.background{ background-color:#75E44E }
```

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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