

Converting Colors

Hex(75E76E)

Have a look what the booklet for
Hex(75E76E) contains.

Hex(75E76E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(75E76E)

Conversions

Conversions Part 1

Format	Color
Hex	75E76E
RGB	117, 231, 110
RGB Percent	46%, 91%, 43%
CMY	0.5412, 0.0941, 0.5686
CMYK	0.49, 0.00, 0.52, 0.09
HSL	117°, 72%, 67%
HSV	117°, 52%, 91%
XYZ	38.7265, 62.0595, 24.6894
YIQ	183.1200, -29.1030, -61.7990

Conversions

Conversions Part 2

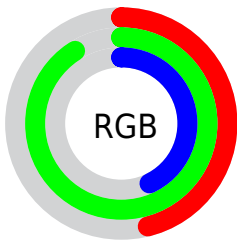
Format	Color
RYB	110, 231, 224
Decimal	7726958
CIELab	82.95, -55.81, 48.64
CIELCh	83, 74.030, 138.930
Yxy	62.0595, 0.3086, 0.4946
Android (android.graphics.Color)	4285917038 (0xFF75E76E)
YUV	183.1200, -36.0482, -57.9872
Hunter-Lab	78.7779, -50.1122, 36.5627

Details

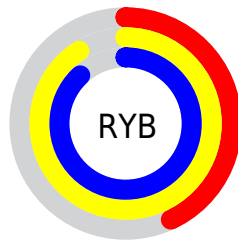
The Hex color **75E76E** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E06EE7**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **B0FFA4**, and **36AE3A** is the 20% darker color. If you saturate the color by 10%, you get **5FE757**, and if you desaturate by 10%, it is **8BE785**.

Distribution



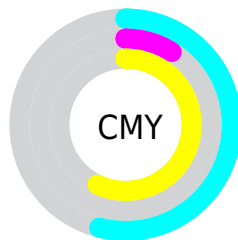
- Red (46%)
- Green (91%)
- Blue (43%)



- Red (43%)
- Yellow (91%)
- Blue (88%)



- Cyan (49%)
- Magenta (0%)
- Yellow (52%)
- Black (9%)



- Cyan (54%)
- Magenta (9%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75E76E 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 75E76E by changing the saturation by 10% instead.

 75E76E

 75E76E


FFFFFF

 57CA54

 B0FFA4

 36AE3A

 CDFFC0

 01931E

 EBFFDC

 007900

 FFFFF9

 005F00

 004600

 003000

 001200

 000000

 75E76E

 75E76E

 5FE757

 8BE785

 49E740

 A1E79C

 34E729

 B6E7B3

 1EE712

 CCE7CA

 0DE700

 E2E7E2

 F8E7F9

 FFE7FF

Harmonies

Analogous

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



C9D83D



75E76E



00EFB1

Triad

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



75E76E



00DEFF



FF90A5

Complementary

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



75E76E



E06EE7

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.



FF91EB



75E76E



A0C7FF

Square

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



75E76E



00EBFF



FFA9FF



FFA667

Rectangle

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



75E76E



00F0E2



FFA9FF



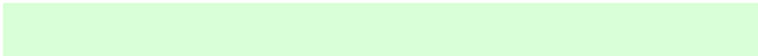
FF8DBC

Sweetspot

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



75E76E



D9FFD6



E7DF6E



698067



000000



808080

Same Dimension

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



75E76E



68FF5E



6EE7A2



687367



0AB300



033300

Inverse Universe

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



E06EE7



F65EFF



E76EB3



726773



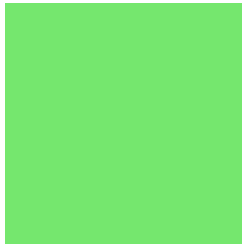
A800B3



300033

Previews

White Background



This preview shows how the Hex color 75E76E looks on a white background.

Color Contrast Check

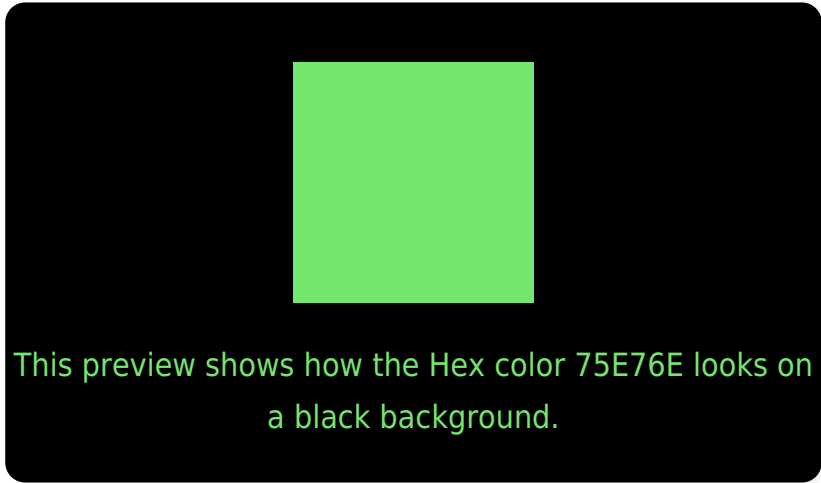
Large Text (above 18pt) WCAG AA × Fail

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

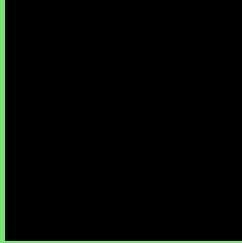
Any Text WCAG AA ✓ Pass

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 75E76E Background



This preview shows how black text looks on a background with the Hex color 75E76E.

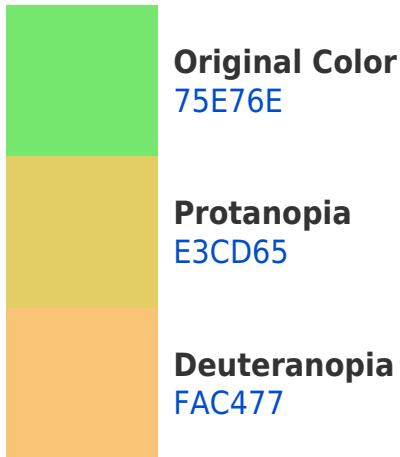


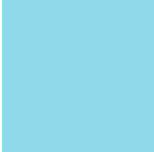
This preview shows how white text looks on a background with the Hex color 75E76E.

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
8FD9EB

Trichromacy



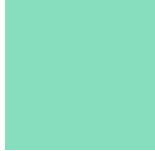
Original Color
75E76E



Protanomaly
BBD668



Deuteranomaly
CAD174

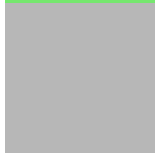


Tritanomaly
86DEBE

Monochromacy



Original Color
75E76E



Achromatopsia
B7B7B7



Achromatomaly
9FC89C

CSS Examples

Text

The CSS property to change the color of the text to Hex 75E76E 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 #75E76E looks like.

```
.text, #text, p{  
    color:#75E76E  
}
```

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 #75E76E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75E76E
}
```

Border

The CSS property to change the border of an element to Hex 75E76E 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
#75E76E }
```

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

```
.border{ border-color:#75E76E }
```

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

Here you see how a box with a 4 pixel #75E76E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75E76E; -webkit-box-shadow:4px 4px  
4px 4px #75E76E; box-shadow:4px 4px 4px  
4px #75E76E }
```

Background

The CSS property to change the background color of an element to Hex 75E76E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75E76E }
```

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

```
.background{ background-color:#75E76E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor