

Converting Colors

Hex(75E376)

Have a look what the booklet for
Hex(75E376) contains.

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Color

Hex(75E376)

Conversions

Conversions Part 1

Format	Color
Hex	75E376
RGB	117, 227, 118
RGB Percent	46%, 89%, 46%
CMY	0.5412, 0.1098, 0.5373
CMYK	0.48, 0.00, 0.48, 0.11
HSL	121°, 66%, 67%
HSV	121°, 48%, 89%
XYZ	38.0752, 60.0281, 26.7193
YIQ	181.6840, -30.5710, -57.2190

Conversions

Conversions Part 2

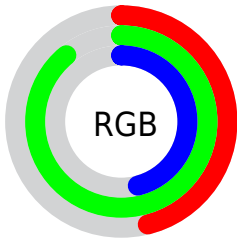
Format	Color
RYB	117, 226, 227
Decimal	7725942
CIELab	81.85, -53.20, 43.50
CIELCh	82, 68.717, 140.727
Yxy	60.0281, 0.3050, 0.4809
Android (android.graphics.Color)	4285916022 (0xFF75E376)
YUV	181.6840, -31.3962, -56.7279
Hunter-Lab	77.4778, -47.8652, 33.7874

Details

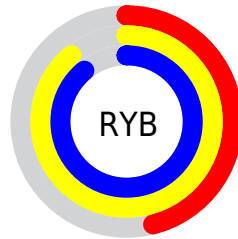
The Hex color **75E376** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E375E2**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **AFFFAC**, and **38AB43** is the 20% darker color. If you saturate the color by 10%, you get **5EE360**, and if you desaturate by 10%, it is **8CE38C**.

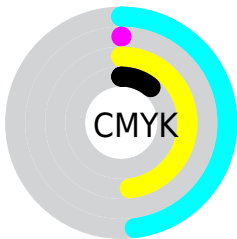
Distribution



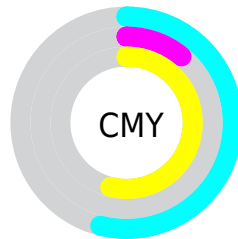
- Red (46%)
- Green (89%)
- Blue (46%)



- Red (46%)
- Yellow (89%)
- Blue (89%)



- Cyan (48%)
- Magenta (0%)
- Yellow (48%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 75E376 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 75E376 by changing the saturation by 10% instead.

 75E376

 75E376

FFFFFF

 57C75C

 AFFFAC

 38AB43

 CDFFC8

 0A8F29

 EAFFE4

 00750B

 005B00

 004300

 002D00

 000D00

 000000

 75E376

 75E376

 5EE360

 8CE38C

 48E349

 A2E3A3

 31E333

 B9E3B9

 1AE31C

 D0E3D0

 03E306

 E7E3E6

 00E302

 FDE3FD

 FFE3FF

Harmonies

Analogous

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



C3D64A



75E376



00EAB5

Triad

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



75E376



00D9FF



FF94A2

Complementary

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



75E376



E375E2

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.



FF94E2



75E376



ABC3FF

Square

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



75E376



00E6FF



FFA8FF



FFA869

Rectangle

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



75E376



00EBE1



FFA8FF



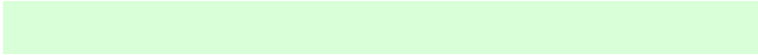
FF91B7

Sweetspot

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



75E376



D9FFD9



E3E375



698069



000000



808080

Same Dimension

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



75E376



6BFF6C



75E3AC



677367



00B302



003300

Inverse Universe

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



E375E2



FF6BFE



E375AC



736773



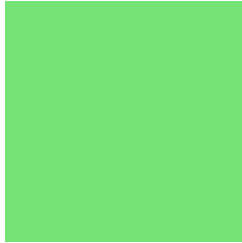
B300B1



330033

Previews

White Background



This preview shows how the Hex color 75E376 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 75E376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

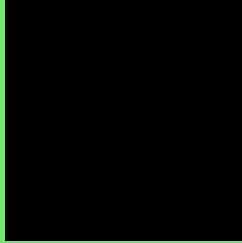
Any Text WCAG AA ✓ Pass

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 75E376 Background



This preview shows how black text looks on a background with the Hex color 75E376.

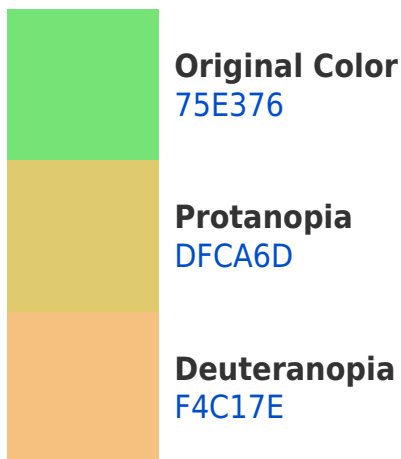


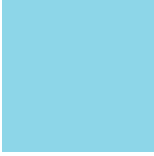
This preview shows how white text looks on a background with the Hex color 75E376.

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





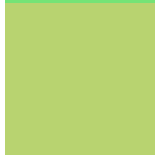
Tritanopia
8DD6E8

Trichromacy



Original Color

75E376



Protanomaly

B8D370



Deuteranomaly

C6CD7B



Tritanomaly

84DBBF

Monochromacy



Original Color

75E376



Achromatopsia

B6B6B6



Achromatomaly

9EC69F

CSS Examples

Text

The CSS property to change the color of the text to Hex 75E376 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 #75E376 looks like.

```
.text, #text, p{  
    color:#75E376  
}
```

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 #75E376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75E376
}
```

Border

The CSS property to change the border of an element to Hex 75E376 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
#75E376 }
```

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

```
.border{ border-color:#75E376 }
```

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

Here you see how a box with a 4 pixel #75E376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75E376; -webkit-box-shadow:4px 4px  
4px 4px #75E376; box-shadow:4px 4px 4px  
4px #75E376 }
```

Background

The CSS property to change the background color of an element to Hex 75E376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75E376 }
```

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

```
.background{ background-color:#75E376 }
```

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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