

Converting Colors

Hex(75E47D)

Have a look what the booklet for
Hex(75E47D) contains.

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Color

Hex(75E47D)

Conversions

Conversions Part 1

Format	Color
Hex	75E47D
RGB	117, 228, 125
RGB Percent	46%, 89%, 49%
CMY	0.5412, 0.1059, 0.5098
CMYK	0.49, 0.00, 0.45, 0.11
HSL	124°, 67%, 68%
HSV	124°, 49%, 89%
XYZ	38.7812, 60.7494, 29.0839
YIQ	183.0690, -33.0930, -55.5650

Conversions

Conversions Part 2

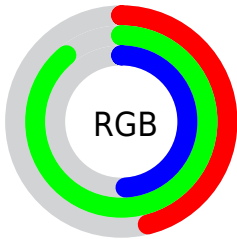
Format	Color
RYB	117, 221, 228
Decimal	7726205
CIELab	82.24, -52.62, 40.58
CIElCh	82, 66.448, 142.357
Yxy	60.7494, 0.3015, 0.4723
Android (android.graphics.Color)	4285916285 (0xFF75E47D)
YUV	183.0690, -28.6280, -57.9425
Hunter-Lab	77.9419, -47.5829, 32.4354

Details

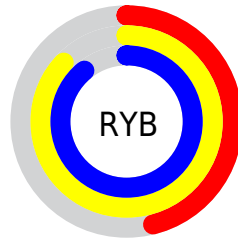
The Hex color **75E47D** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E475DC**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **AFFFB3**, and **38AC4A** is the 20% darker color. If you saturate the color by 10%, you get **5EE468**, and if you desaturate by 10%, it is **8CE492**.

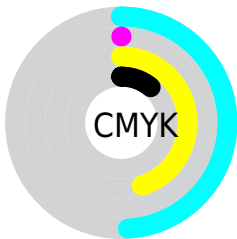
Distribution



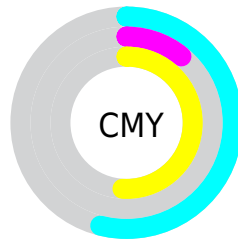
- Red (46%)
- Green (89%)
- Blue (49%)



- Red (46%)
- Yellow (87%)
- Blue (89%)



- Cyan (49%)
- Magenta (0%)
- Yellow (45%)
- Black (11%)



- Cyan (54%)
- Magenta (11%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75E47D 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 75E47D by changing the saturation by 10% instead.

 75E47D

 75E47D

FFFFFF

 58C763

 AFFFFB3

 38AC4A

 CCFFCF

 0A9031


 EAFFEC

 007617

 005C00

 004300

 002E00

 000F00

 000000

 75E47D

 75E47D

 5EE468

 8CE492

 47E453

 A3E4A7

 31E43E

 B9E4BC

 1AE428

 D0E4D2

 03E413

 E7E4E7

 00E410

 FEE4FC

 FFE4FF

Harmonies

Analogous

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



C2D752



75E47D



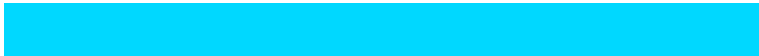
00EABA

Triad

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



75E47D



00D8FF



FF99A1

Complementary

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



75E47D



E475DC

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.



FF97DF



75E47D



B4C3FF

Square

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



75E47D



00E6FF



FFA9FF



FFAC6B

Rectangle

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



75E47D



00ECE5



FFA9FF



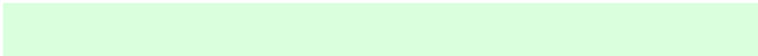
FF95B5

Sweetspot

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



75E47D



D9FFDC



DDE475



69806A



000000



808080

Same Dimension

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



75E47D



6BFF76



75E4B4



677368



00B30D



003304

Inverse Universe

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



E475DC



FF6BF4



E475A5



736772



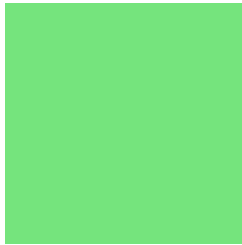
B300A6



33002F

Previews

White Background



This preview shows how the Hex color 75E47D 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 75E47D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

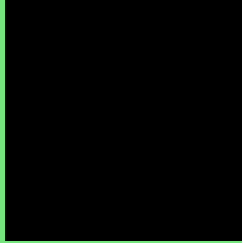
Any Text WCAG AA ✓ Pass

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 75E47D Background



This preview shows how black text looks on a background with the Hex color 75E47D.

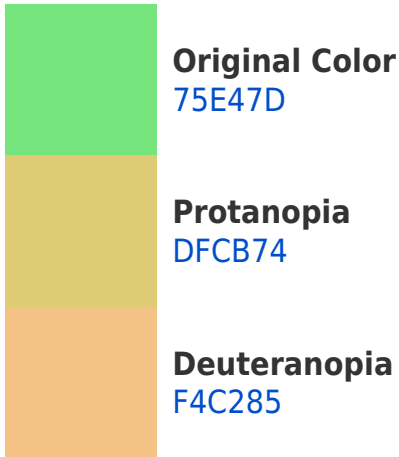


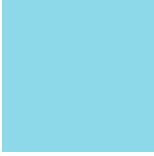
This preview shows how white text looks on a background with the Hex color 75E47D.

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



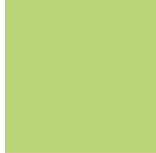


Tritanopia
8DD8E9

Trichromacy



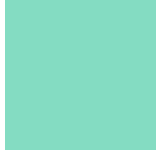
Original Color
75E47D



Protanomaly
B8D477



Deuteranomaly
C6CE82

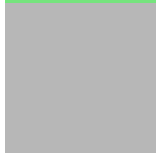


Tritanomaly
84DCC2

Monochromacy



Original Color
75E47D



Achromatopsia
B7B7B7



Achromatomaly
9FC7A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 75E47D 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 #75E47D looks like.

```
.text, #text, p{  
    color:#75E47D  
}
```

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 #75E47D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75E47D
}
```

Border

The CSS property to change the border of an element to Hex 75E47D 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
#75E47D }
```

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

```
.border{ border-color:#75E47D }
```

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

Here you see how a box with a 4 pixel #75E47D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75E47D; -webkit-box-shadow:4px 4px  
4px 4px #75E47D; box-shadow:4px 4px 4px  
4px #75E47D }
```

Background

The CSS property to change the background color of an element to Hex 75E47D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75E47D }
```

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

```
.background{ background-color:#75E47D }
```

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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