

Converting Colors

Hex(75EC77)

Have a look what the booklet for
Hex(75EC77) contains.

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Color

Hex(75EC77)

Conversions

Conversions Part 1

Format	Color
Hex	75EC77
RGB	117, 236, 119
RGB Percent	46%, 93%, 47%
CMY	0.5412, 0.0745, 0.5333
CMYK	0.50, 0.00, 0.50, 0.07
HSL	121°, 76%, 69%
HSV	121°, 50%, 93%
XYZ	40.6613, 65.1047, 27.8762
YIQ	187.0810, -33.3670, -61.6150

Conversions

Conversions Part 2

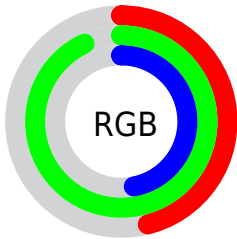
Format	Color
RYB	117, 234, 236
Decimal	7728247
CIELab	84.54, -56.60, 46.35
CIELCh	85, 73.157, 140.690
Yxy	65.1047, 0.3043, 0.4872
Android (android.graphics.Color)	4285918327 (0xFF75EC77)
YUV	187.0810, -33.5639, -61.4610
Hunter-Lab	80.6875, -51.2505, 35.9976

Details

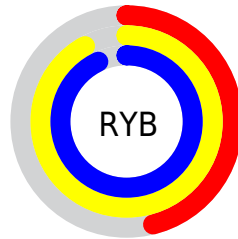
The Hex color **75EC77** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EC75EA**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **B0FFAD**, and **35B343** is the 20% darker color. If you saturate the color by 10%, you get **5DEC60**, and if you desaturate by 10%, it is **8DEC8E**.

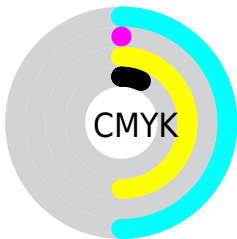
Distribution



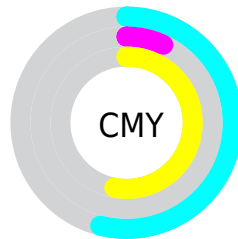
- Red (46%)
- Green (93%)
- Blue (47%)



- Red (46%)
- Yellow (92%)
- Blue (93%)



- Cyan (50%)
- Magenta (0%)
- Yellow (50%)
- Black (7%)



- Cyan (54%)
- Magenta (7%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75EC77 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 75EC77 by changing the saturation by 10% instead.

 75EC77

FFFFFF

 B0FFAD

 CEFFC9

 ECFE6

 75EC77

 57CF5D

 35B343

 009829

 007D09

 006300

 004A00

 003300

 001800

 000000

 75EC77

 75EC77

 5DEC60

 8DEC8E

 46EC49

 A4ECA5

 2EEC31

 BCECBD

 17EC1A

 D3ECD4

 00EC04

 EBEC EB

 FFECFF

Harmonies

Analogous

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



CADE46



75EC77



00F3BA

Triad

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



75EC77



00E1FF



FF97A6

Complementary

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



75EC77



EC75EA

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.



FF96EC



75EC77



AFCAFF

Square

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



75EC77



00EFFF



FFACFF



FFAD6A

Rectangle

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



75EC77



00F5EA



FFACFF



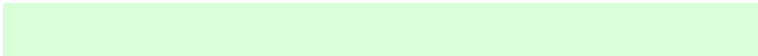
FF94BD

Sweetspot

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



75EC77



D9FFD9



EAEC75



698069



000000



808080

Same Dimension

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



75EC77



63FF66



75ECB2



6A756A



00B503



003601

Inverse Universe

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



EC75EA



FF63FC



EC75AF



756A75



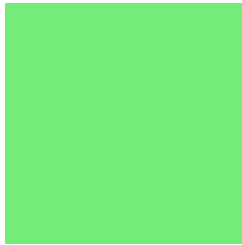
B500B2



360035

Previews

White Background



This preview shows how the Hex color 75EC77 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 75EC77 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

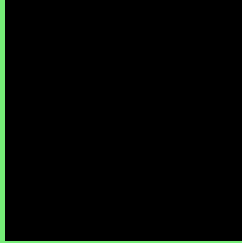
Any Text WCAG AA ✓ Pass

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 75EC77 Background



This preview shows how black text looks on a background with the Hex color 75EC77.

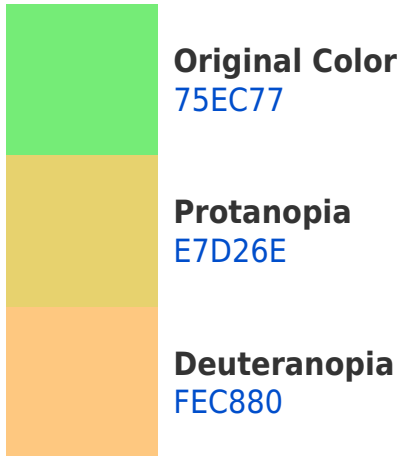


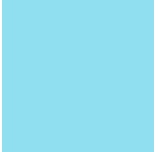
This preview shows how white text looks on a background with the Hex color 75EC77.

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



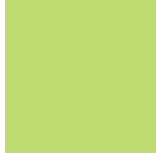


Tritanopia
8FDFF1

Trichromacy



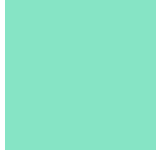
Original Color
75EC77



Protanomaly
BEDB71



Deuteranomaly
CCD57D

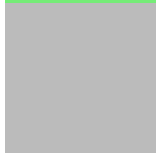


Tritanomaly
86E4C5

Monochromacy



Original Color
75EC77



Achromatopsia
BBBBBB



Achromatomaly
A2CDA2

CSS Examples

Text

The CSS property to change the color of the text to Hex 75EC77 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 #75EC77 looks like.

```
.text, #text, p{  
    color:#75EC77  
}
```

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 #75EC77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75EC77
}
```

Border

The CSS property to change the border of an element to Hex 75EC77 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
#75EC77 }
```

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

```
.border{ border-color:#75EC77 }
```

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

Here you see how a box with a 4 pixel #75EC77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75EC77; -webkit-box-shadow:4px 4px  
4px 4px #75EC77; box-shadow:4px 4px 4px  
4px #75EC77 }
```

Background

The CSS property to change the background color of an element to Hex 75EC77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75EC77 }
```

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

```
.background{ background-color:#75EC77 }
```

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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