

Converting Colors

Hex(0EE57B)

Have a look what the booklet for
Hex(0EE57B) contains.

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Color

Hex(0EE57B)

Conversions

Conversions Part 1

Format	Color
Hex	0EE57B
RGB	14, 229, 123
RGB Percent	5%, 90%, 48%
CMY	0.9451, 0.1020, 0.5176
CMYK	0.94, 0.00, 0.46, 0.10
HSL	150°, 88%, 48%
HSV	150°, 94%, 90%
XYZ	31.7756, 57.5620, 28.1747
YIQ	152.6310, -94.1140, -78.5460

Conversions

Conversions Part 2

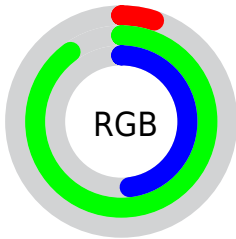
Format	Color
RYB	14, 157, 229
Decimal	976251
CIELab	80.49, -68.91, 38.92
CIELCh	80, 79.139, 150.539
Yxy	57.5620, 0.2704, 0.4898
Android (android.graphics.Color)	4279166331 (0xFF0EE57B)
YUV	152.6310, -14.6081, -121.5794
Hunter-Lab	75.8697, -58.0129, 31.0910

Details

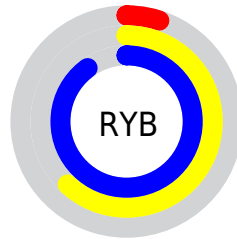
The Hex color **0EE57B** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E50E78**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **6FFFB1**, and **00AC48** is the 20% darker color. If you saturate the color by 10%, you get **00E574**, and if you desaturate by 10%, it is **25E586**.

Distribution



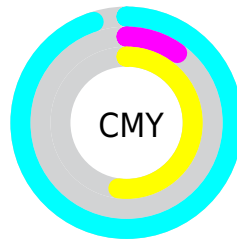
- Red (5%)
- Green (90%)
- Blue (48%)



- Red (5%)
- Yellow (62%)
- Blue (90%)



- Cyan (94%)
- Magenta (0%)
- Yellow (46%)
- Black (10%)



- Cyan (95%)
- Magenta (10%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EE57B 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 0EE57B by changing the saturation by 10% instead.

 0EE57B

 0EE57B


FFFFFF

 00C861

 6FFFB1

 00AC48

 90FFCD

 00902F

 B0FFE9

 007515

 D0FFFF

 005B00

 EFFFFFF

 004200

 002900

 000300

 000000

 0EE57B

 0EE57B

 00E574

 25E586

 3CE592

 53E59D

 6AE5A8

 81E5B3

 97E5BF

 AEE5CA

 C5E5D5

 DCE5E1

Harmonies

Analogous

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



A1D939



0EE57B



00EAC7

Triad

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



0EE57B



00D0FF



FF8A81

Complementary

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



0EE57B



E50E78

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.



FF7FCA



0EE57B



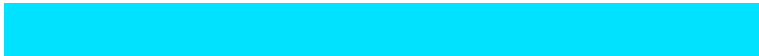
C8B3FF

Square

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



0EE57B



00E2FF



FF92FF



FFA843

Rectangle

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



0EE57B



00EBFA



FF92FF



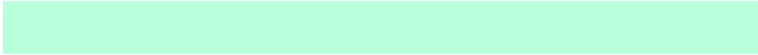
FF8398

Sweetspot

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



0EE57B



B8FFDC



7AE50E



54806A



000000



808080

Same Dimension

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



0EE57B



00FF81



0EE5E5



67736D



00B35A



00331A

Inverse Universe

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



E50E78



FF007E



E50E0E



73676D



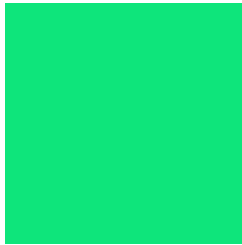
B30058



330019

Previews

White Background



This preview shows how the Hex color 0EE57B 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 0EE57B 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 0EE57B Background



This preview shows how black text looks on a background with the Hex color 0EE57B.

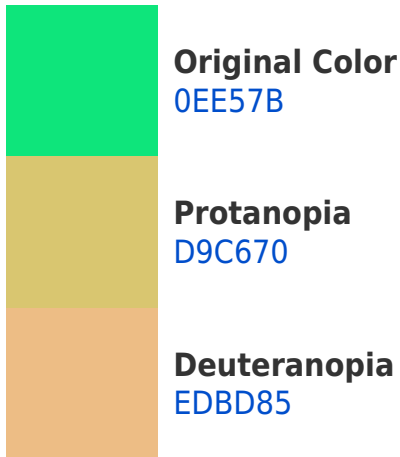


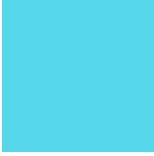
This preview shows how white text looks on a background with the Hex color 0EE57B.

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](#).

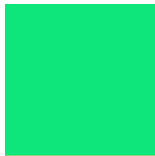
Dichromacy





Tritanopia
57D8EA

Trichromacy



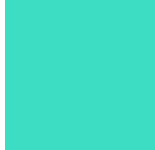
Original Color
0EE57B



Protanomaly
8FD174



Deuteranomaly
9CCC81



Tritanomaly
3CDDC2

Monochromacy



Original Color
0EE57B



Achromatopsia
999999



Achromatomaly
66B58E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EE57B 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 #0EE57B looks like.

```
.text, #text, p{  
    color:#0EE57B  
}
```

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 #0EE57B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EE57B
}
```

Border

The CSS property to change the border of an element to Hex 0EE57B 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
#0EE57B }
```

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

```
.border{ border-color:#0EE57B }
```

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

Here you see how a box with a 4 pixel #0EE57B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EE57B; -webkit-box-shadow:4px 4px  
4px 4px #0EE57B; box-shadow:4px 4px 4px  
4px #0EE57B }
```

Background

The CSS property to change the background color of an element to Hex 0EE57B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EE57B }
```

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

```
.background{ background-color:#0EE57B }
```

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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