

# Converting Colors

Hex(0EEB72)

Have a look what the booklet for  
Hex(0EEB72) contains.

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# Color

Hex(0EEB72)

# Conversions

## Conversions Part 1

Format	Color
Hex	0EEB72
RGB	14, 235, 114
RGB Percent	5%, 92%, 45%
CMY	0.9451, 0.0784, 0.5529
CMYK	0.94, 0.00, 0.51, 0.08
HSL	147°, 89%, 49%
HSV	147°, 94%, 92%
XYZ	32.9267, 60.7249, 25.9053
YIQ	155.1270, -92.8750, -84.4830

# Conversions

## Conversions Part 2

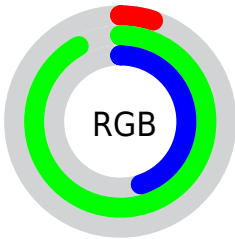
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 166, 235
Decimal	977778
CIELab	82.23, -72.25, 45.43
CIELCh	82, 85.346, 147.835
Yxy	60.7249, 0.2754, 0.5079
Android (android.graphics.Color)	4279167858 (0xFF0EEB72)
YUV	155.1270, -20.2756, -123.7684
Hunter-Lab	77.9262, -60.9480, 34.8384

# Details

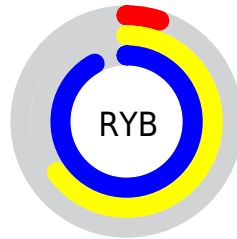
The Hex color **0EEB72** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **EB0E87**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **71FFA8**, and **00B13E** is the 20% darker color. If you saturate the color by 10%, you get **00EB6A**, and if you desaturate by 10%, it is **26EB7F**.

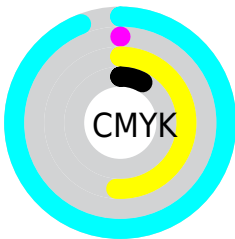
# Distribution



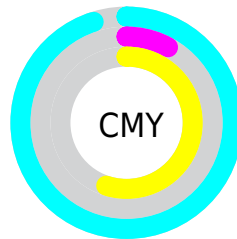
- Red (5%)
- Green (92%)
- Blue (45%)



- Red (5%)
- Yellow (65%)
- Blue (92%)



- Cyan (94%)
- Magenta (0%)
- Yellow (51%)
- Black (8%)



- Cyan (95%)
- Magenta (8%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0EEB72 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 0EEB72 by changing the saturation by 10% instead.



 0EEB72

 0EEB72

FFFFFF

 00CE58

 71FFA8

 00B13E

 92FFC4

 009624

 B3FFE0

 007A02

 D2FFFD

 006000

 F2FFFF

 004600

 002E00

 000F00

 000000

 0EEB72

 0EEB72

 00EB6A

 26EB7F

 3DEB8C

 55EB99

 6CEBA5

 84EBB2

 9BEBBF

 B3EBCC

 CAEBD9

 E2EBE6

# Harmonies

## Analogous

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



AADE26



0EEB72



00F1C4

# Triad

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



0EEB72



00D8FF



FF8687

# Complementary

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



0EEB72



EB0E87

# 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.



FF7BD6



0EEB72



BFBAFF

# Square

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



0EEB72



00EAFF



FF94FF



FFA740

# Rectangle

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



0EEB72



00F2FB



FF94FF



FF7EA0

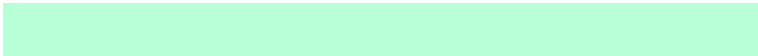


# Sweetspot

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



0EEB72



B8FFD8



88EB0E



548068



000000



808080



# Same Dimension

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



0EEB72



00FF73



0EEBE0



6A756F



00B552



003618



# Inverse Universe

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



EB0E87



FF008C



EB0E19



756A70



B50063

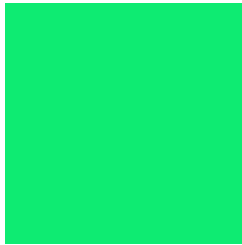


36001D



# Previews

## White Background



This preview shows how the Hex color 0EEB72 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 0EEB72 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 0EEB72 Background



This preview shows how black text looks on a background with the Hex color 0EEB72.

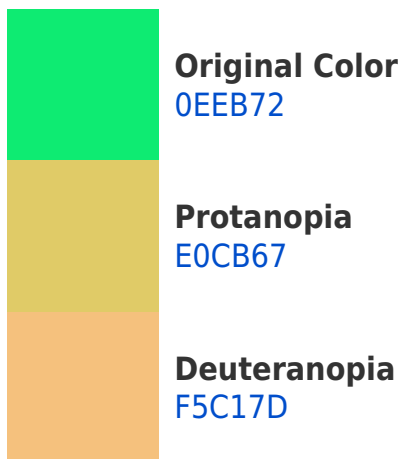


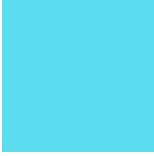
This preview shows how white text looks on a background with the Hex color 0EEB72.

# 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**  
5BDDEF

# Trichromacy



**Original Color**  
0EEB72



**Protanomaly**  
94D76B



**Deuteranomaly**  
A1D079



**Tritanomaly**  
3FE2C2

# Monochromacy



**Original Color**  
0EEB72



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
68B88C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0EEB72 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 #0EEB72 looks like.

```
.text, #text, p{  
    color:#0EEB72  
}
```

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 #0EEB72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EEB72
}
```

## Border

The CSS property to change the border of an element to Hex 0EEB72 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
#0EEB72 }
```

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

```
.border{ border-color:#0EEB72 }
```

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

Here you see how a box with a 4 pixel #0EEB72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EEB72; -webkit-box-shadow:4px 4px  
4px 4px #0EEB72; box-shadow:4px 4px 4px  
4px #0EEB72 }
```

# Background

The CSS property to change the background color of an element to Hex 0EEB72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EEB72 }
```

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

```
.background{ background-color:#0EEB72 }
```

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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