

Converting Colors

Hex(0ECE6B)

Have a look what the booklet for
Hex(0ECE6B) contains.

| | |
|--|----|
| Hex(0ECE6B) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(0ECE6B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 0ECE6B |
| RGB | 14, 206, 107 |
| RGB Percent | 5%, 81%, 42% |
| CMY | 0.9451, 0.1922, 0.5804 |
| CMYK | 0.93, 0.00, 0.48, 0.19 |
| HSL | 149°, 87%, 43% |
| HSV | 149°, 93%, 81% |
| XYZ | 24.9063, 45.2975, 21.3405 |
| YIQ | 137.3060, -82.6530, -71.4930 |

Conversions

Conversions Part 2

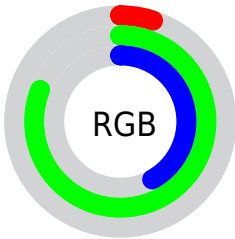
| Format | Color |
|-------------------------------------|----------------------------------|
| RYB | 14, 143, 206 |
| Decimal | 970347 |
| CIELab | 73.09, -64.04, 37.42 |
| CIELCh | 73, 74.173, 149.698 |
| Yxy | 45.2975, 0.2721, 0.4948 |
| Android (android.graphics.Color) | 4279160427 (0xFF0ECE6B) |
| YUV | 137.3060, -14.9409, -108.1394 |
| Hunter-Lab | 67.3034, -51.7254, 28.3128 |

Details

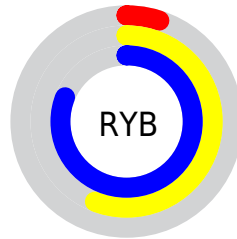
The Hex color **0ECE6B** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **CE0E71**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **69FFA0**, and **009639** is the 20% darker color. If you saturate the color by 10%, you get **00CE64**, and if you desaturate by 10%, it is **23CE76**.

Distribution



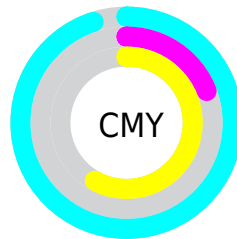
- Red (5%)
- Green (81%)
- Blue (42%)



- Red (5%)
- Yellow (56%)
- Blue (81%)



- Cyan (93%)
- Magenta (0%)
- Yellow (48%)
- Black (19%)



- Cyan (95%)
- Magenta (19%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0ECE6B 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 0ECE6B by changing the saturation by 10% instead.

 0ECE6B

 0ECE6B

FFFFFF

 00B252

 69FFA0

 009639

 89FFBB

 007B20

 A8FFD7

 006103

 C7FFF4

 004700

 E6FFFF

 003000

 001300

 000000

 0ECE6B

 0ECE6B

 00CE64

 23CE76

 37CE80

 4CCE8B

 60CE95

 75CEA0

 8ACEAB

 9ECEB5

 B3CEC0

 C7CECB

Harmonies

Analogous

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



92C32E



0ECE6B



00D3B1

Triad

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



0ECE6B



00BCFF



FF7A74

Complementary

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



0ECE6B



CE0E71

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.



FF70B7



0ECE6B



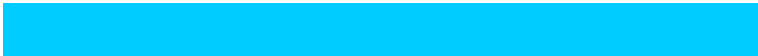
B0A2FF

Square

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



0ECE6B



00CCFF



FF83F9



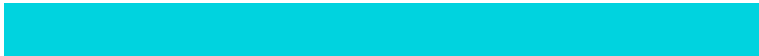
FF953A

Rectangle

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



0ECE6B



00D3DF



FF83F9



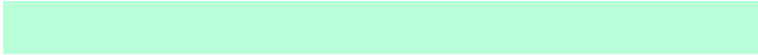
FF748A

Sweetspot

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



0ECE6B



B8FFDA



71CE0E



548069



000000



808080

Same Dimension

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



0ECE6B



00FF7C



0ECECB



5C6661



00A650



002613

Inverse Universe

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



CE0E71



FF0083



CE0E11



665C61



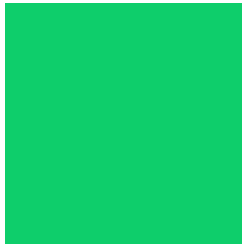
A60055



260014

Previews

White Background



This preview shows how the Hex color 0ECE6B 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 0ECE6B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

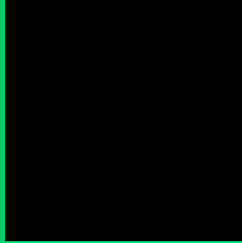
Any Text WCAG AA ✓ Pass

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 0ECE6B Background



This preview shows how black text looks on a background with the Hex color 0ECE6B.

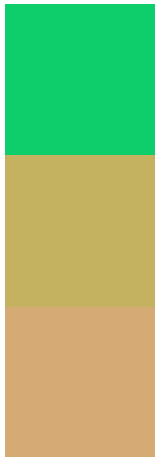


This preview shows how white text looks on a background with the Hex color 0ECE6B.

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](#).

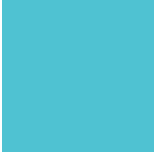
Dichromacy



Original Color
0ECE6B

Protanopia
C4B261

Deuteranopia
D6AA74



Tritanopia
4FC2D2

Trichromacy



Original Color
0ECE6B



Protanomaly
82BC65



Deuteranomaly
8DB771



Tritanomaly
37C6AD

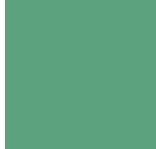
Monochromacy



Original Color
0ECE6B



Achromatopsia
898989



Achromatomaly
5CA27E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0ECE6B 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 #0ECE6B looks like.

```
.text, #text, p{  
    color:#0ECE6B  
}
```

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 #0ECE6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0ECE6B
}
```

Border

The CSS property to change the border of an element to Hex 0ECE6B 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
#0ECE6B }
```

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

```
.border{ border-color:#0ECE6B }
```

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

Here you see how a box with a 4 pixel #0ECE6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0ECE6B; -webkit-box-shadow:4px 4px  
4px 4px #0ECE6B; box-shadow:4px 4px 4px  
4px #0ECE6B }
```

Background

The CSS property to change the background color of an element to Hex 0ECE6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0ECE6B }
```

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

```
.background{ background-color:#0ECE6B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor