

# Converting Colors

Hex(0CE6B5)

Have a look what the booklet for  
Hex(0CE6B5) contains.

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# Color

Hex(0CE6B5)

# Conversions

## Conversions Part 1

Format	Color
Hex	0CE6B5
RGB	12, 230, 181
RGB Percent	5%, 90%, 71%
CMY	0.9529, 0.0980, 0.2902
CMYK	0.95, 0.00, 0.21, 0.10
HSL	167°, 90%, 47%
HSV	167°, 95%, 90%
XYZ	36.7889, 60.0080, 53.3598
YIQ	159.2320, -114.1990, -61.4550

# Conversions

## Conversions Part 2

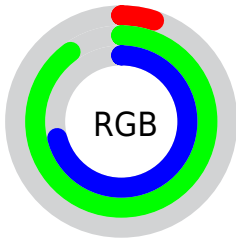
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 135, 230
Decimal	845493
CIELab	81.84, -57.35, 11.01
CIELCh	82, 58.396, 169.130
Yxy	60.0080, 0.2450, 0.3996
Android (android.graphics.Color)	4279035573 (0xFF0CE6B5)
YUV	159.2320, 10.7316, -129.1225
Hunter-Lab	77.4648, -50.7918, 13.3849

# Details

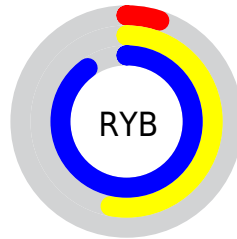
The Hex color **0CE6B5** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **E60C3D**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **70FFED**, and **00AD80** is the 20% darker color. If you saturate the color by 10%, you get **00E6B2**, and if you desaturate by 10%, it is **23E6BA**.

# Distribution



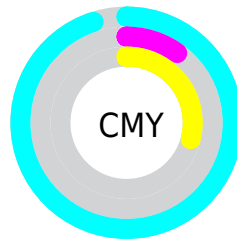
- Red (5%)
- Green (90%)
- Blue (71%)



- Red (5%)
- Yellow (53%)
- Blue (90%)



- Cyan (95%)
- Magenta (0%)
- Yellow (21%)
- Black (10%)



- Cyan (95%)
- Magenta (10%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0CE6B5 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 0CE6B5 by changing the saturation by 10% instead.



 0CE6B5

 0CE6B5

FFFFFF

 00C99A

 70FFED

 00AD80

 91FFFF

 009267

 B1FFFF

 00774F

 D1FFFF

 005D38

 F1FFFF

 004422

 002D0D

 000C00

 000000


 0CE6B5

 0CE6B5

 00E6B2

 23E6BA

 3AE6BF

 51E6C5

 68E6CA

 7FE6CF

 96E6D4

 ADE6D9

 C4E6DE

 DBE6E4

# Harmonies

## Analogous

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



8ADF81



0CE6B5



00E7EE

# Triad

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



0CE6B5



AFC5FF



FFAD7B

# Complementary

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



0CE6B5



E60C3D

# 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.



FF9FAB



0CE6B5



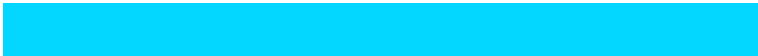
FBAFFF

# Square

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



0CE6B5



03D7FF



FF9FE2



FDC25D

# Rectangle

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



0CE6B5



00E5FF



FF9FE2



FFA789

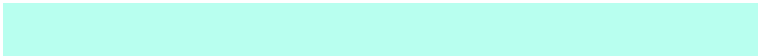


# Sweetspot

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



0CE6B5



B8FFEF



3FE60C



548076



000000



808080



# Same Dimension

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



0CE6B5



00FFC6



0CACE6



677370



00B38A



003328



# Inverse Universe

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



E60C3D



FF0039



E6460C



73676A



B30028



33000B



# Previews

## White Background



This preview shows how the Hex color 0CE6B5 looks on a white background.

## Color Contrast Check

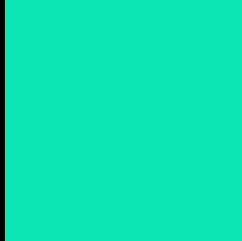
Large Text (above 18pt) WCAG AA × Fail

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 0CE6B5 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 0CE6B5 Background



This preview shows how black text looks on a background with the Hex color 0CE6B5.

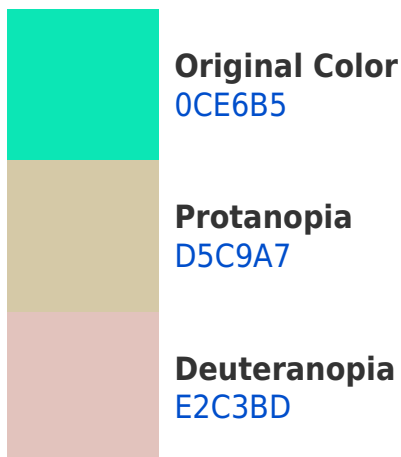


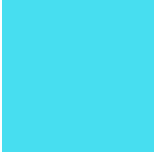
This preview shows how white text looks on a background with the Hex color 0CE6B5.

# 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**  
47DEF0

# Trichromacy



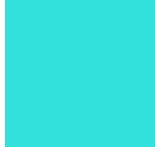
**Original Color**  
0CE6B5



**Protanomaly**  
8CD4AC



**Deuteranomaly**  
94D0BA



**Tritanomaly**  
32E1DB

# Monochromacy



**Original Color**  
0CE6B5



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
6AB9A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0CE6B5 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 #0CE6B5 looks like.

```
.text, #text, p{  
    color:#0CE6B5  
}
```

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 #0CE6B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CE6B5
}
```

## Border

The CSS property to change the border of an element to Hex 0CE6B5 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
#0CE6B5 }
```

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

```
.border{ border-color:#0CE6B5 }
```

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

Here you see how a box with a 4 pixel #0CE6B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CE6B5; -webkit-box-shadow:4px 4px  
4px 4px #0CE6B5; box-shadow:4px 4px 4px  
4px #0CE6B5 }
```

# Background

The CSS property to change the background color of an element to Hex 0CE6B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CE6B5 }
```

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

```
.background{ background-color:#0CE6B5 }
```

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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