

Converting Colors

Hex(0CCE89)

Have a look what the booklet for
Hex(0CCE89) contains.

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Color

Hex(0CCE89)

Conversions

Conversions Part 1

Format	Color
Hex	0CCE89
RGB	12, 206, 137
RGB Percent	5%, 81%, 54%
CMY	0.9529, 0.1922, 0.4627
CMYK	0.94, 0.00, 0.33, 0.19
HSL	159°, 89%, 43%
HSV	159°, 94%, 81%
XYZ	26.7383, 46.0269, 31.1417
YIQ	140.1280, -93.4750, -62.5870

Conversions

Conversions Part 2

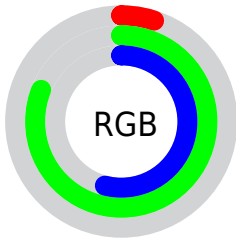
Format	Color
RYB	12, 130, 206
Decimal	839305
CIELab	73.56, -58.43, 22.65
CIELCh	74, 62.664, 158.814
Yxy	46.0269, 0.2573, 0.4430
Android (android.graphics.Color)	4279029385 (0xFF0CCE89)
YUV	140.1280, -1.5421, -112.3683
Hunter-Lab	67.8431, -48.3752, 20.2746

Details

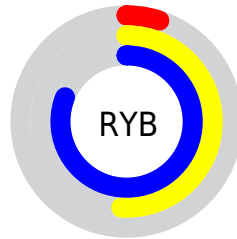
The Hex color **0CCE89** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **CE0C51**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **68FFBF**, and **009657** is the 20% darker color. If you saturate the color by 10%, you get **00CE85**, and if you desaturate by 10%, it is **21CE90**.

Distribution



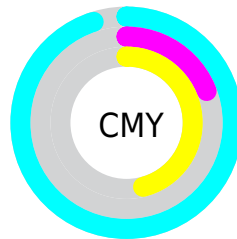
- Red (5%)
- Green (81%)
- Blue (54%)



- Red (5%)
- Yellow (51%)
- Blue (81%)



- Cyan (94%)
- Magenta (0%)
- Yellow (33%)
- Black (19%)



- Cyan (95%)
- Magenta (19%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CCE89 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 0CCE89 by changing the saturation by 10% instead.

 0CCE89

 0CCE89

FFFFFF

 00B26F

 68FFBF

 009657

 89FFDB

 007B3F

 A8FFF7

 006128

 C7FFF7

 004812

 E5FFF7

 003100

 001500

 000000

 0CCE89

 0CCE89

■ 00CE85

■ 21CE90

■ 35CE98

■ 4ACE9F

■ 5ECEA6

■ 73CEAE

■ 88CEB5

■ 9CCEBC

■ B1CEC4

■ C5CECB

Harmonies

Analogous

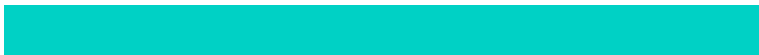
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86C656



0CCE89



00D1C5

Triad

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



0CCE89



65B5FF



FF8D70

Complementary

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



0CCE89



CE0C51

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.



FF81A6



0CCE89



CE9EFF

Square

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



0CCE89



00C6FF



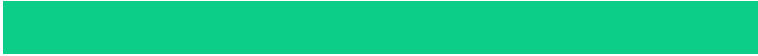
FF88E0



F5A347

Rectangle

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



0CCE89



00D0EB



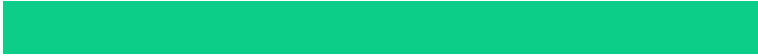
FF88E0



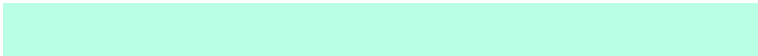
FF8781

Sweetspot

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



0CCE89



B8FFE6



53CE0C



548070



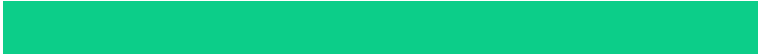
000000



808080

Same Dimension

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



0CCE89



00FFA4



0CB4CE



5C6662



00A66B



002619

Inverse Universe

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



CE0C51



FF005B



CE260C



665C5F



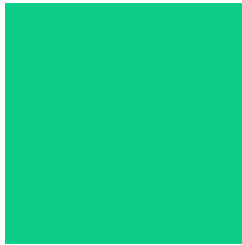
A6003B



26000E

Previews

White Background



This preview shows how the Hex color 0CCE89 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 0CCE89 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

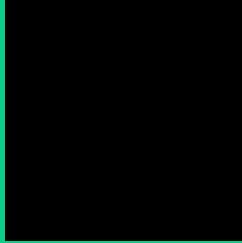
Any Text WCAG AA ✓ Pass

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 0CCE89 Background



This preview shows how black text looks on a background with the Hex color 0CCE89.

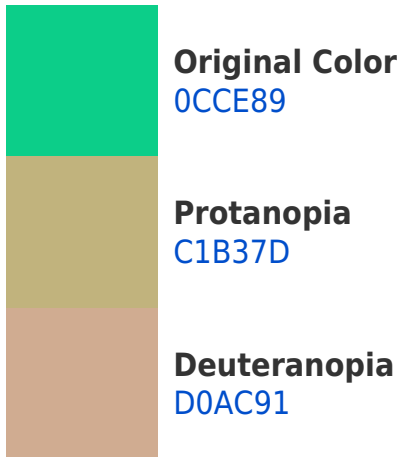


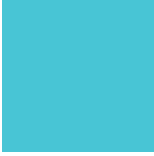
This preview shows how white text looks on a background with the Hex color 0CCE89.

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
48C5D5

Trichromacy



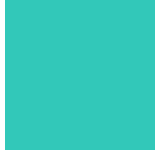
Original Color
0CCE89



Protanomaly
7FBD81



Deuteranomaly
89B88E



Tritanomaly
32C8B9

Monochromacy



Original Color
0CCE89



Achromatopsia
8C8C8C



Achromatomaly
5DA48B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CCE89 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 #0CCE89 looks like.

```
.text, #text, p{  
    color:#0CCE89  
}
```

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 #0CCE89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CCE89
}
```

Border

The CSS property to change the border of an element to Hex 0CCE89 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
#0CCE89 }
```

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

```
.border{ border-color:#0CCE89 }
```

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

Here you see how a box with a 4 pixel #0CCE89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CCE89; -webkit-box-shadow:4px 4px  
4px 4px #0CCE89; box-shadow:4px 4px 4px  
4px #0CCE89 }
```

Background

The CSS property to change the background color of an element to Hex 0CCE89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CCE89 }
```

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

```
.background{ background-color:#0CCE89 }
```

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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