

Converting Colors

Hex(0FFECA)

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

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Color

Hex(0FFECA)

Conversions

Conversions Part 1

Format	Color
Hex	0FFECA
RGB	15, 254, 202
RGB Percent	6%, 100%, 79%
CMY	0.9412, 0.0039, 0.2078
CMYK	0.94, 0.00, 0.20, 0.00
HSL	167°, 99%, 53%
HSV	167°, 94%, 100%
XYZ	46.2995, 75.2494, 67.9615
YIQ	176.6110, -125.7520, -66.8400

Conversions

Conversions Part 2

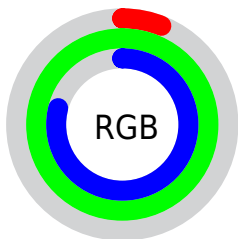
Format	Color
R _Y B	15, 149, 254
Decimal	1048266
CIE Lab	89.51, -61.37, 10.99
CIE LCh	90, 62.346, 169.846
Yxy	75.2494, 0.2443, 0.3971
Android (android.graphics.Color)	4279238346 (0xFF0FFECA)
YUV	176.6110, 12.5168, -141.7328
Hunter-Lab	86.7464, -56.5348, 14.2718

Details

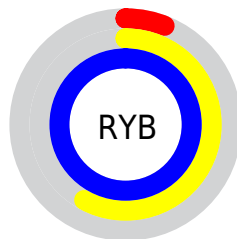
The Hex color **0FFECA** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **FE0F43**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **77FFFF**, and **00C494** is the 20% darker color. If you saturate the color by 10%, you get **00FEC7**, and if you desaturate by 10%, it is **28FED0**.

Distribution



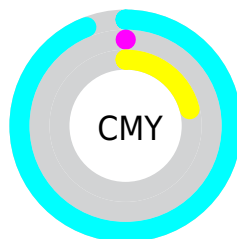
- Red (6%)
- Green (100%)
- Blue (79%)



- Red (6%)
- Yellow (58%)
- Blue (100%)



- Cyan (94%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (94%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients

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

 0FFECA

 0FFECA

FFFFFF

 00E1AF

 77FFFF

 00C494

 99FFFF

 00A87A

 BAFFFF

 008D61

 DBFFFF

 007249

 FBFFFF

 005833

 003F1E

 002706

 000000

0FFECA

0FFECA

00FEC7

28FED0

42FED5

5BFEDB

75FEE0

8EFEE6

A7FEEB

C1FEF1

DAFEF6

F4FEFC

Harmonies

Analogous

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



98F791



00FECA



00FFFF

Triad

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



0FFECA



C5D9FF



FFC188

Complementary

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



00FFEA



FE0F43

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.



FFB1BC



0FFECA



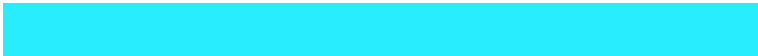
FFC2FF

Square

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



0FFECA



27EDFF



FFB1F8



FFD769

Rectangle

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



0FFECA



00FCFF



FFB1F8



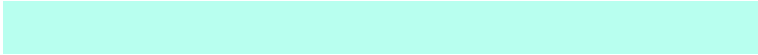
FFBA98

Sweetspot

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



0FFECA



B8FFEF



47FE0F



548076



000000



808080

Same Dimension

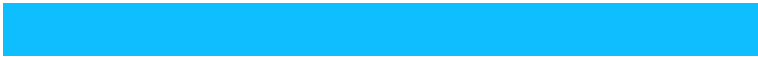
The Same Dimension uses a secret algorithm to generate beautiful new colors.



0FFECA



00FFC8



0FBEFE



73807D



00BF96



004032

Inverse Universe

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



FE0F43



FF0037



FE4F0F



807376



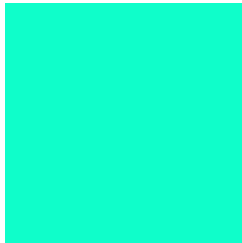
BF002A



40000E

Previews

White Background



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

Color Contrast Check

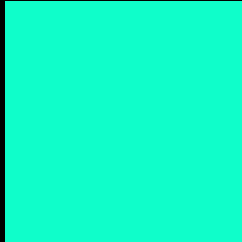
Large Text (above 18pt) WCAG AA × Fail

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 0FFECA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

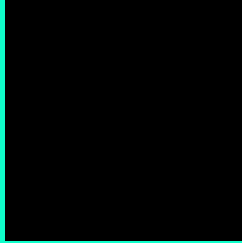
Any Text WCAG AA ✓ Pass

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 0FFECA Background



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



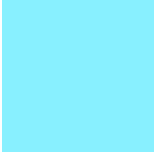
This preview shows how white text looks on a background with the Hex color 0FFECA.

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



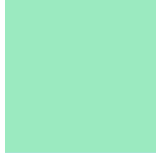


Tritanopia
88F0FF

Trichromacy



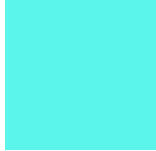
Original Color
0FFECA



Protanomaly
9BEAC0

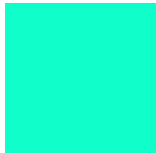


Deuteranomaly
A4E5D0

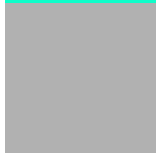


Tritanomaly
5CF5EC

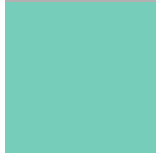
Monochromacy



Original Color
0FFECA



Achromatopsia
B1B1B1



Achromatomaly
76CDBA

CSS Examples

Text

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

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

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 #0FFECA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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