

Converting Colors

Hex(0BDFCC)

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

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Color

Hex(0BDFCC)

Conversions

Conversions Part 1

Format	Color
Hex	0BDFCC
RGB	11, 223, 204
RGB Percent	4%, 87%, 80%
CMY	0.9569, 0.1255, 0.2000
CMYK	0.95, 0.00, 0.09, 0.13
HSL	175°, 91%, 46%
HSV	175°, 95%, 87%
XYZ	37.4248, 57.2061, 66.1961
YIQ	157.4460, -120.2530, -50.8530

Conversions

Conversions Part 2

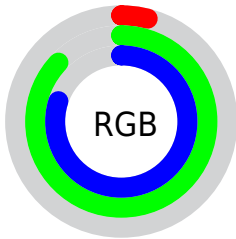
Format	Color
R _{YB}	11, 122, 223
Decimal	778188
CIE Lab	80.30, -48.59, -3.40
CIE LCh	80, 48.711, 184.005
Yxy	57.2061, 0.2327, 0.3557
Android (android.graphics.Color)	4278968268 (0xFF0BDFCC)
YUV	157.4460, 22.9511, -128.4331
Hunter-Lab	75.6347, -44.0373, 1.0532

Details

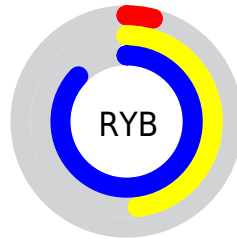
The Hex color **0BDFCC** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DF0B1E**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **70FFFF**, and **00A796** is the 20% darker color. If you saturate the color by 10%, you get **00DFCB**, and if you desaturate by 10%, it is **21DFCE**.

Distribution



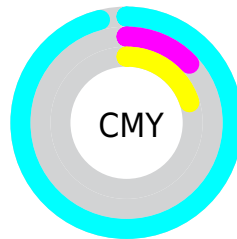
- Red (4%)
- Green (87%)
- Blue (80%)



- Red (4%)
- Yellow (48%)
- Blue (87%)



- Cyan (95%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)



- Cyan (96%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 0BDFCC

 0BDFCC

FFFFFF

 00C3B1

 70FFFF

 00A796

 91FFFF

 008C7C

 B2FFFF

 007163

 D1FFFF

 00584C

 F1FFFF

 003F35

 002920

 000209

 000000

 0BDFCC

 0BDFCC

 00DFCB

 21DFCE

 38DFD0

 4EDFD2

 64DFD4

 7ADFD6

 91DFD8

 A7DFDA

 BDDFDC

 D4DFDE

Harmonies

Analogous

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



75DC9E



0BDFCC



00DDF9

Triad

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



0BDFCC



D4B9FF



FFB776

Complementary

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



0BDFCC



DF0B1E

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.



FFA897



0BDFCC



FFA9F0

Square

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



0BDFCC



8ACAFF



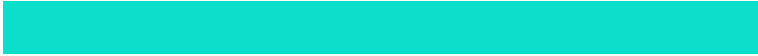
FFA2C3



DEC76B

Rectangle

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



0BDFCC



00D9FF



FFA2C3



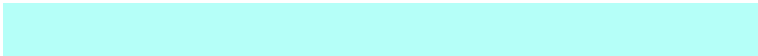
FFB17F

Sweetspot

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



0BDFCC



B5FFF8



20DF0B



53807C



000000



808080

Same Dimension

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



0BDFCC



00FFE8



0B8ADF



65706F



00B0A0



00302C

Inverse Universe

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



DF0B1E



FF0017



DF600B



706566



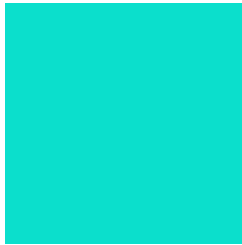
B00010



300004

Previews

White Background



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

Color Contrast Check

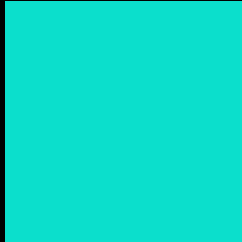
Large Text (above 18pt) WCAG AA × Fail

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 0BDFCC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

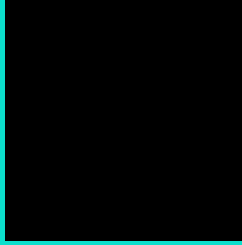
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

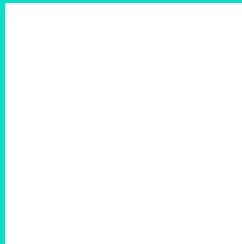
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0BDFCC Background



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

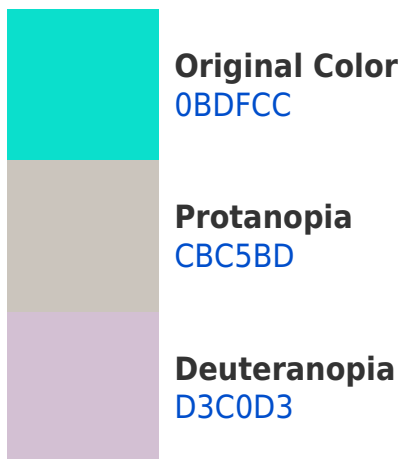


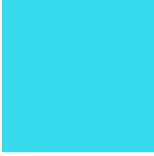
This preview shows how white text looks on a background with the Hex color 0BDFCC.

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
37DAEC

Trichromacy



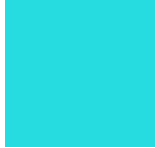
Original Color
0BDFCC



Protanomaly
85CEC2



Deuteranomaly
8ACBD0



Tritanomaly
27DCE0

Monochromacy



Original Color
0BDFCC



Achromatopsia
9D9D9D



Achromatomaly
68B5AE

CSS Examples

Text

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

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

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 #0BDFCC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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