

# Converting Colors

Hex(0CDBF3)

Have a look what the booklet for  
Hex(0CDBF3) contains.

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# Color

**Hex(0CDBF3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0CDBF3
RGB	12, 219, 243
RGB Percent	5%, 86%, 95%
CMY	0.9529, 0.1412, 0.0471
CMYK	0.95, 0.10, 0.00, 0.05
HSL	186°, 91%, 50%
HSV	186°, 95%, 95%
XYZ	41.6608, 57.2123, 93.6413
YIQ	159.8430, -131.0760, -36.4200

# Conversions

## Conversions Part 2

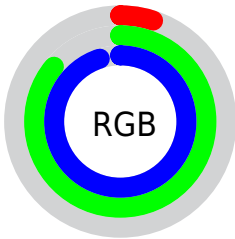
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 121, 243
Decimal	842739
CIELab	80.30, -35.27, -24.16
CIELCh	80, 42.754, 214.413
Yxy	57.2123, 0.2164, 0.2972
Android (android.graphics.Color)	4279032819 (0xFF0CDBF3)
YUV	159.8430, 40.9964, -129.6583
Hunter-Lab	75.6388, -34.0525, -20.4543

# Details

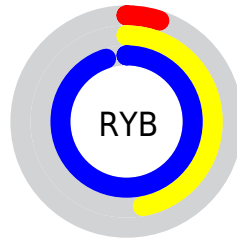
The Hex color **0CDBF3** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **F3240C**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **74FFFF**, and **00A3BB** is the 20% darker color. If you saturate the color by 10%, you get **00DAF3**, and if you desaturate by 10%, it is **24DEF3**.

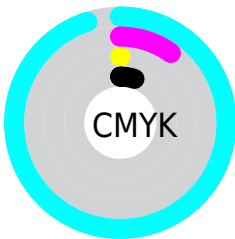
# Distribution



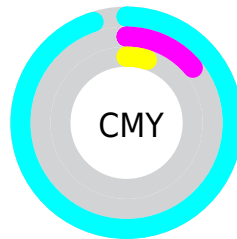
- Red (5%)
- Green (86%)
- Blue (95%)



- Red (5%)
- Yellow (47%)
- Blue (95%)



- Cyan (95%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (95%)
- Magenta (14%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0CDBF3 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 0CDBF3 by changing the saturation by 10% instead.



 0CDBF3

 0CDBF3

FFFFFF

 00BFD7

 74FFFF

 00A3BB

 96FFFF

 0089A0

 B7FFFF

 006F86

 D7FFFF

 00566C

 F7FFFF

 003E54

 00283D

 000527

 000111

 0CDBF3

 0CDBF3

 00DAF3

 24DEF3

 3DE0F3

 55E3F3

 6DE5F3

 85E8F3

 9EEAF3

 B6EDF3

 CEEFF3

 E7F2F3

# Harmonies

## Analogous

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



48DDCC



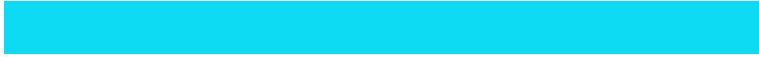
0CDBF3



4ED5FF

# Triad

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



0CDBF3



FEAEEA



DCC777

# Complementary

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



0CDBF3



F3240C

# 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.



FEB980



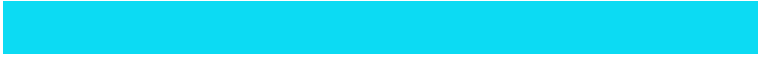
0CDBF3



FFA8C3

# Square

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



0CDBF3



D4BBFF



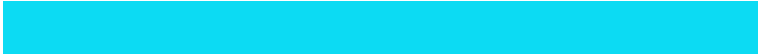
FFAD9C



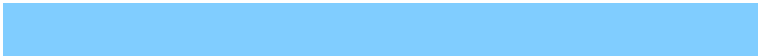
B1D284

# Rectangle

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



0CDBF3



80CDFE



FFAD9C



E8C277



# Sweetspot

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



0CDBF3



B5F7FF



0CF323



537B80



000000



808080

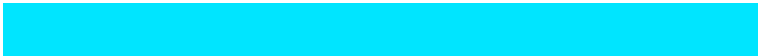


# Same Dimension

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



0CDBF3



00E5FF



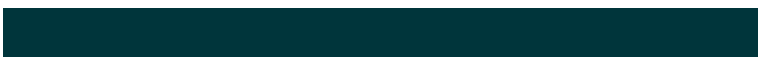
0C68F3



6E797A



00A7BA



00353B



# Inverse Universe

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



F30CDB



FF00E5



F3970C



7A6E79



BA00A7

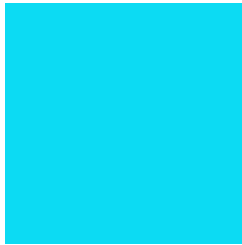


3B0035



# Previews

## White Background



This preview shows how the Hex color 0CDBF3 looks on a white background.

## Color Contrast Check

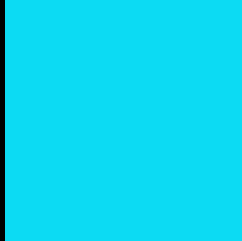
Large Text (above 18pt) WCAG AA × Fail

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 0CDBF3 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 0CDBF3 Background



This preview shows how black text looks on a background with the Hex color 0CDBF3.

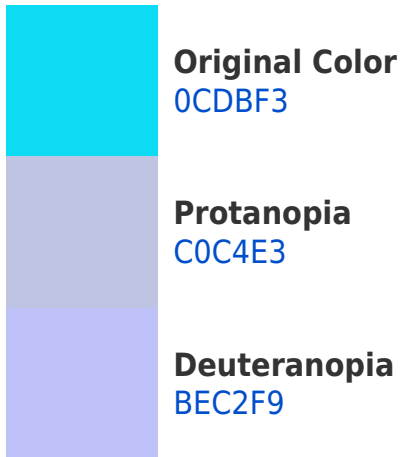


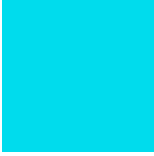
This preview shows how white text looks on a background with the Hex color 0CDBF3.

# 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



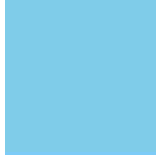


**Tritanopia**  
00DCED

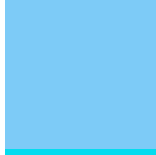
# Trichromacy



**Original Color**  
0CDBF3



**Protanomaly**  
7FCCE9



**Deuteranomaly**  
7DCBF7

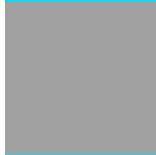


**Tritanomaly**  
04DCEF

# Monochromacy



**Original Color**  
0CDBF3



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
6AB5BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0CDBF3 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 #0CDBF3 looks like.

```
.text, #text, p{  
    color:#0CDBF3  
}
```

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 #0CDBF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CDBF3
}
```

## Border

The CSS property to change the border of an element to Hex 0CDBF3 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
#0CDBF3 }
```

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

```
.border{ border-color:#0CDBF3 }
```

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

Here you see how a box with a 4 pixel #0CDBF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CDBF3; -webkit-box-shadow:4px 4px  
4px 4px #0CDBF3; box-shadow:4px 4px 4px  
4px #0CDBF3 }
```

# Background

The CSS property to change the background color of an element to Hex 0CDBF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CDBF3 }
```

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

```
.background{ background-color:#0CDBF3 }
```

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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