

Converting Colors

Hex(0BEFE3)

Have a look what the booklet for
Hex(0BEFE3) contains.

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Color

Hex(0BEFE3)

Conversions

Conversions Part 1

Format	Color
Hex	0BEFE3
RGB	11, 239, 227
RGB Percent	4%, 94%, 89%
CMY	0.9569, 0.0627, 0.1098
CMYK	0.95, 0.00, 0.05, 0.06
HSL	177°, 91%, 49%
HSV	177°, 95%, 94%
XYZ	44.8696, 67.3502, 83.3081
YIQ	169.4600, -132.0360, -52.0680

Conversions

Conversions Part 2

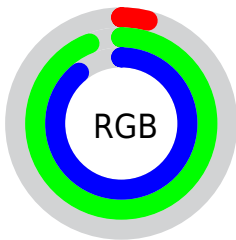
Format	Color
RYB	11, 128, 239
Decimal	782307
CIELab	85.68, -48.96, -7.61
CIElCh	86, 49.545, 188.840
Yxy	67.3502, 0.2295, 0.3445
Android (android.graphics.Color)	4278972387 (0xFF0BEFE3)
YUV	169.4600, 28.3672, -138.9694
Hunter-Lab	82.0672, -46.0239, -2.7395

Details

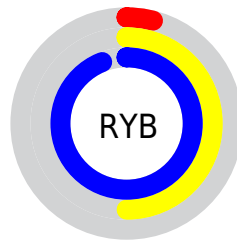
The Hex color **0BEFE3** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **EF0B17**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **75FFFF**, and **00B6AC** is the 20% darker color. If you saturate the color by 10%, you get **00EFE2**, and if you desaturate by 10%, it is **23EFE4**.

Distribution



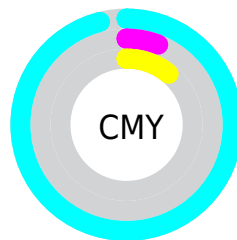
- Red (4%)
- Green (94%)
- Blue (89%)



- Red (4%)
- Yellow (50%)
- Blue (94%)



- Cyan (95%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (96%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BEFE3 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 0BEFE3 by changing the saturation by 10% instead.

 0BEFE3

FFFFFF

 75FFFF

 98FFFF

 B9FFFF

 D9FFFF

 F9FFFF

 0BEFE3

 00D2C7

 00B6AC

 009B91

 008078

 00665F

 004D47

 003531

 001D1C

 000000

0BEFE3

0BEFE3

00EFE2

23EFE4

3BEFE6

53EFE7

6BEFE8

82EFE9

9AEFEB

B2EFEC

CAEFED

E2EFEE

Harmonies

Analogous

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



77ECB3



0BEFE3



00ECFF

Triad

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



0BEFE3



EDC5FF



FFC87F

Complementary

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



0BEFE3



EF0B17

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.



FFB89E



0BEFE3



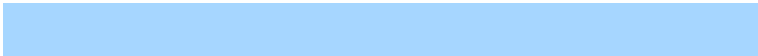
FFB6F9

Square

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



0BEFE3



A6D6FF



FFB1CA



E7D878

Rectangle

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



0BEFE3



00E8FF



FFB1CA



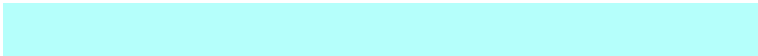
FFC287

Sweetspot

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



0BEFE3



B5FFFB



1AEF0B



53807D



000000



808080

Same Dimension

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



0BEFE3



00FFF2



0B8CEF



6C7877



00B8AE



003835

Inverse Universe

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



EF0B17



FF000D



EF6E0B



786C6C



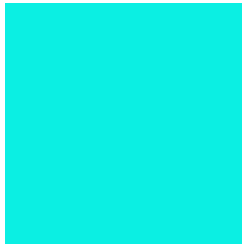
B8000A



380003

Previews

White Background



This preview shows how the Hex color 0BEFE3 looks on a white background.

Color Contrast Check

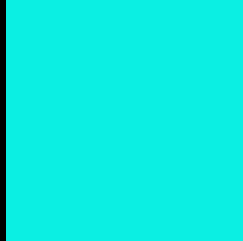
Large Text (above 18pt) WCAG AA × Fail

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 0BEFE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

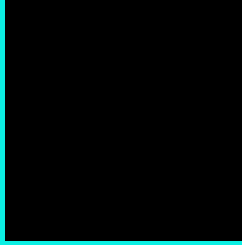
Any Text WCAG AA ✓ Pass

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 0BEFE3 Background



This preview shows how black text looks on a background with the Hex color 0BEFE3.

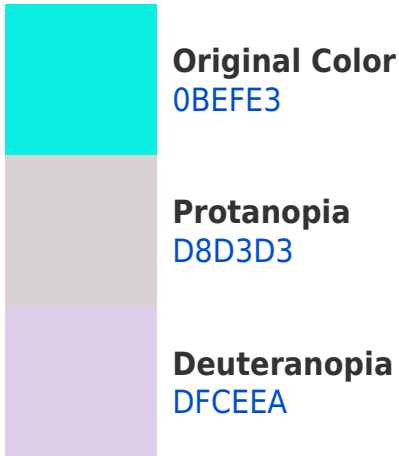


This preview shows how white text looks on a background with the Hex color 0BEFE3.

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



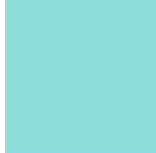


Tritanopia
36EBFE

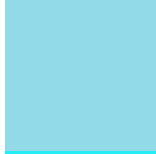
Trichromacy



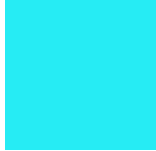
Original Color
0BEFE3



Protanomaly
8DDDD9

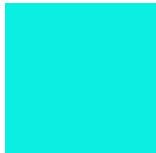


Deuteranomaly
92DAE7

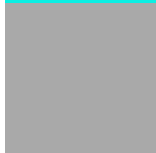


Tritanomaly
26ECF4

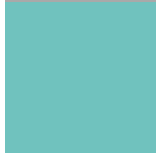
Monochromacy



Original Color
0BEFE3



Achromatopsia
A9A9A9



Achromatomaly
70C2BE

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BEFE3 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 #0BEFE3 looks like.

```
.text, #text, p{  
    color:#0BEFE3  
}
```

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 #0BEFE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BEFE3
}
```

Border

The CSS property to change the border of an element to Hex 0BEFE3 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
#0BEFE3 }
```

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

```
.border{ border-color:#0BEFE3 }
```

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

Here you see how a box with a 4 pixel #0BEFE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BEFE3; -webkit-box-shadow:4px 4px  
4px 4px #0BEFE3; box-shadow:4px 4px 4px  
4px #0BEFE3 }
```

Background

The CSS property to change the background color of an element to Hex 0BEFE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BEFE3 }
```

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

```
.background{ background-color:#0BEFE3 }
```

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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