

Converting Colors

Hex(0BEDE9)

Have a look what the booklet for
Hex(0BEDE9) contains.

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Color

Hex(0BEDE9)

Conversions

Conversions Part 1

Format	Color
Hex	0BEDE9
RGB	11, 237, 233
RGB Percent	4%, 93%, 91%
CMY	0.9569, 0.0706, 0.0863
CMYK	0.95, 0.00, 0.02, 0.07
HSL	179°, 91%, 49%
HSV	179°, 95%, 93%
XYZ	45.1302, 66.5227, 87.5524
YIQ	168.9700, -133.4120, -49.1560

Conversions

Conversions Part 2

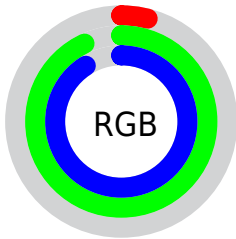
Format	Color
R _{YB}	11, 125, 237
Decimal	781801
CIE Lab	85.26, -46.40, -11.39
CIE LCh	85, 47.780, 193.791
Yxy	66.5227, 0.2266, 0.3339
Android (android.graphics.Color)	4278971881 (0xFF0BEDE9)
YUV	168.9700, 31.5668, -138.5397
Hunter-Lab	81.5615, -43.9636, -6.5520

Details

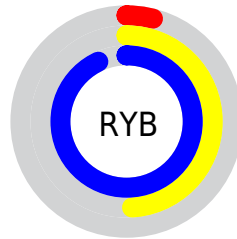
The Hex color **0BEDE9** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **ED0B0F**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **75FFFF**, and **00B4B1** is the 20% darker color. If you saturate the color by 10%, you get **00EDE9**, and if you desaturate by 10%, it is **23EDE9**.

Distribution



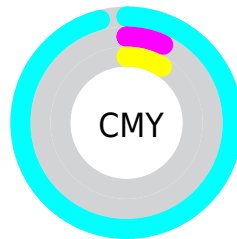
- Red (4%)
- Green (93%)
- Blue (91%)



- Red (4%)
- Yellow (49%)
- Blue (93%)



- Cyan (95%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (96%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BEDE9 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 0BEDE9 by changing the saturation by 10% instead.

 0BEDE9

 0BEDE9

FFFFFF

 00DOCD

 75FFFF

 00B4B1

 98FFFF

 009997

 B9FFFF

 007E7D

 D9FFFF

 006464

 F9FFFF

 004B4C

 003336

 001C20

 000008

 0BEDE9

 0BEDE9

 00EDE9

 23EDE9

 3AEDEA

 52EDEA

 6AEDEB

 81EDEB

 99EDEC

 B1EDEC

 C9EDEC

 E0EDED

Harmonies

Analogous

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



70EBBA



0BEDE9



00EAFF

Triad

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



0BEDE9



F4C2FF



FFCA7E

Complementary

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



0BEDE9



ED0B0F

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.



FFBB99



0BEDE9



FFB4EF

Square

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



0BEDE9



B4D2FF



FFB2C2



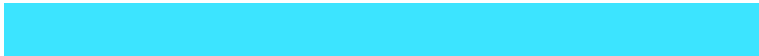
DED97C

Rectangle

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



0BEDE9



3CE4FF



FFB2C2



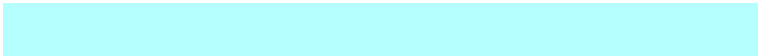
FFC485

Sweetspot

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



0BEDE9



B5FFFE



13ED0B



53807F



000000



808080

Same Dimension

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



0BEDE9



00FFFA



0B84ED



6A7575



00B5B2



003635

Inverse Universe

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



ED0B0F



FF0005



ED740B



756A6A



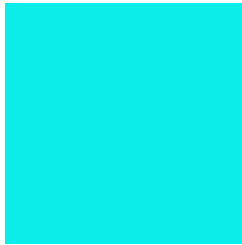
B50003



360001

Previews

White Background



This preview shows how the Hex color 0BEDE9 looks on a white background.

Color Contrast Check

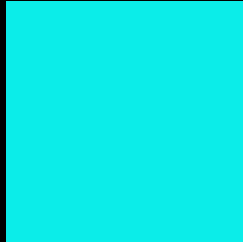
Large Text (above 18pt) WCAG AA × Fail

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 0BEDE9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

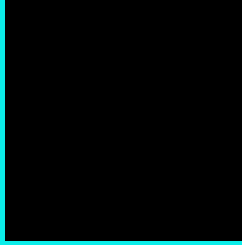
Any Text WCAG AA ✓ Pass

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 0BEDE9 Background



This preview shows how black text looks on a background with the Hex color 0BEDE9.

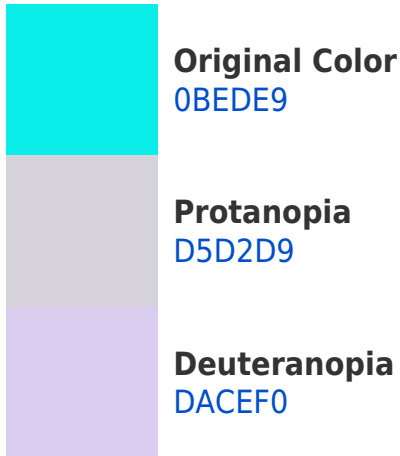


This preview shows how white text looks on a background with the Hex color 0BEDE9.

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



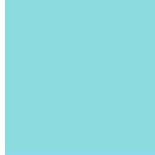


Tritanopia
2FEAFD

Trichromacy



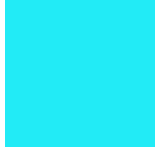
Original Color
0BEDE9



Protanomaly
8CDCDF



Deuteranomaly
8FD9ED



Tritanomaly
22EBF6

Monochromacy



Original Color
0BEDE9



Achromatopsia
A9A9A9



Achromatomaly
70C2C0

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BEDE9 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 #0BEDE9 looks like.

```
.text, #text, p{  
    color:#0BEDE9  
}
```

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 #0BEDE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BEDE9
}
```

Border

The CSS property to change the border of an element to Hex 0BEDE9 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
#0BEDE9 }
```

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

```
.border{ border-color:#0BEDE9 }
```

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

Here you see how a box with a 4 pixel #0BEDE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BEDE9; -webkit-box-shadow:4px 4px  
4px 4px #0BEDE9; box-shadow:4px 4px 4px  
4px #0BEDE9 }
```

Background

The CSS property to change the background color of an element to Hex 0BEDE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BEDE9 }
```

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

```
.background{ background-color:#0BEDE9 }
```

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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