

Converting Colors

Hex(0BF7DA)

Have a look what the booklet for
Hex(0BF7DA) contains.

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Color

Hex(0BF7DA)

Conversions

Conversions Part 1

Format	Color
Hex	0BF7DA
RGB	11, 247, 218
RGB Percent	4%, 97%, 85%
CMY	0.9569, 0.0314, 0.1451
CMYK	0.96, 0.00, 0.12, 0.03
HSL	173°, 94%, 51%
HSV	173°, 96%, 97%
XYZ	46.0537, 71.6546, 77.7331
YIQ	173.1300, -131.3470, -59.0510

Conversions

Conversions Part 2

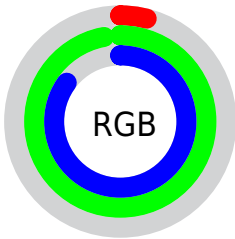
Format	Color
RYB	11, 137, 247
Decimal	784346
CIELab	87.80, -54.71, 0.22
CIELCh	88, 54.707, 179.770
Yxy	71.6546, 0.2356, 0.3666
Android (android.graphics.Color)	4278974426 (0xFF0BF7DA)
YUV	173.1300, 22.1209, -142.1880
Hunter-Lab	84.6491, -51.0222, 4.8084

Details

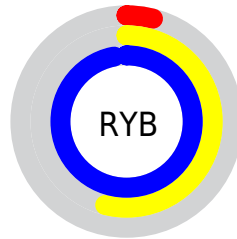
The Hex color **0BF7DA** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **F70B28**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **76FFFF**, and **00BEA3** is the 20% darker color. If you saturate the color by 10%, you get **00F7D9**, and if you desaturate by 10%, it is **24F7DD**.

Distribution



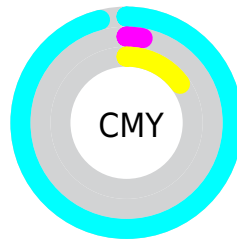
- Red (4%)
- Green (97%)
- Blue (85%)



- Red (4%)
- Yellow (54%)
- Blue (97%)



- Cyan (96%)
- Magenta (0%)
- Yellow (12%)
- Black (3%)



- Cyan (96%)
- Magenta (3%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BF7DA 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 0BF7DA by changing the saturation by 10% instead.

 0BF7DA

 0BF7DA

FFFFFF

 00DABE


 76FFFF

 00BEA3

 98FFFF

 00A289

 B9FFFF

 008770

 DAFFFF

 006C57

 FAFFFF

 005340

 003A2A

 002316

 000000

0BF7DA

0BF7DA

00F7D9

24F7DD

3CF7E0

55F7E3

6EF7E6

87F7E9

9FF7EC

B8F7EF

D1F7F2

E9F7F5

Harmonies

Analogous

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



87F2A6



0BF7DA



00F6FF

Triad

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



0BF7DA



E0CFFF



FFC683

Complementary

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



0BF7DA



F70B28

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.



FFB7AB



0BF7DA



FFBCFF

Square

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



0BF7DA



85E2FF



FFB2DF



FDD972

Rectangle

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



0BF7DA



00F2FF



FFB2DF



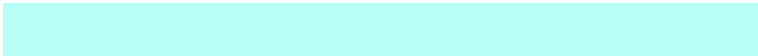
FFC08F

Sweetspot

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



0BF7DA



B5FFF6



2AF70B



53807A



000000



808080

Same Dimension

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



0BF7DA



00FFE0



0BA0F7



6E7A79



00BAA3



003B33

Inverse Universe

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



F70B28



FF001F



F7620B



7A6E70



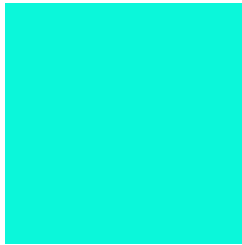
BA0017



3B0007

Previews

White Background



This preview shows how the Hex color 0BF7DA looks on a white background.

Color Contrast Check

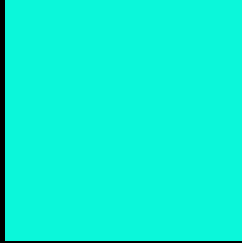
Large Text (above 18pt) WCAG AA × Fail

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 0BF7DA 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 0BF7DA Background



This preview shows how black text looks on a background with the Hex color 0BF7DA.

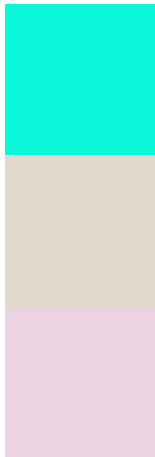


This preview shows how white text looks on a background with the Hex color 0BF7DA.

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](#).

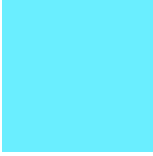
Dichromacy



Original Color
0BF7DA

Protanopia
E2D9CA

Deuteranopia
ECD3E2

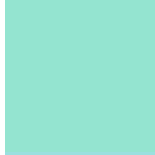


Tritanopia
6AEEFF

Trichromacy



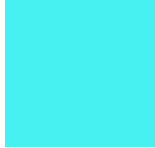
Original Color
0BF7DA



Protanomaly
94E4D0



Deuteranomaly
9AE0DF

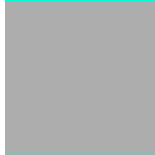


Tritanomaly
47F1F2

Monochromacy



Original Color
0BF7DA



Achromatopsia
ADADAD



Achromatomaly
72C8BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BF7DA 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 #0BF7DA looks like.

```
.text, #text, p{  
    color:#0BF7DA  
}
```

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 #0BF7DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BF7DA
}
```

Border

The CSS property to change the border of an element to Hex 0BF7DA 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
#0BF7DA }
```

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

```
.border{ border-color:#0BF7DA }
```

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

Here you see how a box with a 4 pixel #0BF7DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BF7DA; -webkit-box-shadow:4px 4px  
4px 4px #0BF7DA; box-shadow:4px 4px 4px  
4px #0BF7DA }
```

Background

The CSS property to change the background color of an element to Hex 0BF7DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BF7DA }
```

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

```
.background{ background-color:#0BF7DA }
```

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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