

Converting Colors

Hex(B0FEDF)

Have a look what the booklet for
Hex(B0FEDF) contains.

Hex(B0FEDF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B0FEDF)

Conversions

Conversions Part 1

Format	Color
Hex	B0FEDF
RGB	176, 254, 223
RGB Percent	69%, 100%, 87%
CMY	0.3098, 0.0039, 0.1255
CMYK	0.31, 0.00, 0.12, 0.00
HSL	156°, 98%, 84%
HSV	156°, 31%, 100%
XYZ	66.6656, 85.4414, 82.7902
YIQ	227.1440, -36.5370, -26.1770

Conversions

Conversions Part 2

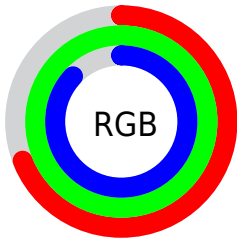
Format	Color
RYB	176, 225, 254
Decimal	11599583
CIELab	94.07, -30.21, 7.24
CIELCh	94, 31.060, 166.528
Yxy	85.4414, 0.2838, 0.3637
Android (android.graphics.Color)	4289789663 (0xFFB0FEDF)
YUV	227.1440, -2.0430, -44.8533
Hunter-Lab	92.4345, -33.0228, 11.6003

Details

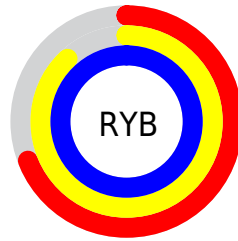
The Hex color **B0FEDF** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **FEB0CF**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **E9FFFF**, and **79C5A8** is the 20% darker color. If you saturate the color by 10%, you get **97FED5**, and if you desaturate by 10%, it is **C9FEE9**.

Distribution



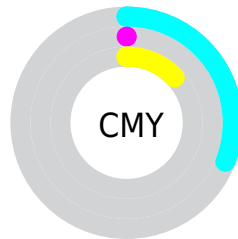
- Red (69%)
- Green (100%)
- Blue (87%)



- Red (69%)
- Yellow (88%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0FEDF 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 B0FEDF by changing the saturation by 10% instead.

 B0FEDF

 B0FEDF

FFFFFF

 94E1C3


 E9FFFF

 79C5A8

 5EAA8D

 438F74

 27755B

 015C44

 00442E

 002D19

 001700

 B0FEDF

 B0FEDF

 97FED5

 C9FEE9

 7DFECB

 E3FEF3

 64FEC1

 FCFEFD

 4AFEB7

 FFFEFF

 31FEAD

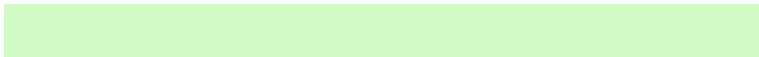
 18FEA2

 00FE99

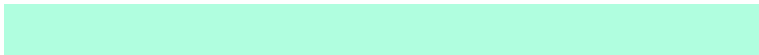
Harmonies

Analogous

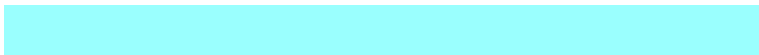
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D1F9C4



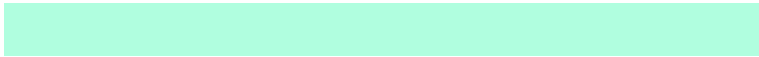
B0FEDF



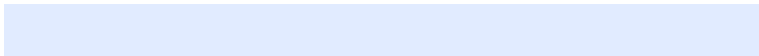
9AFFFE

Triad

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



B0FEDF



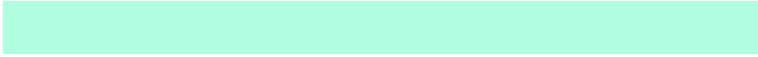
E1EBFF



FFDEC4

Complementary

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



B0FEDF



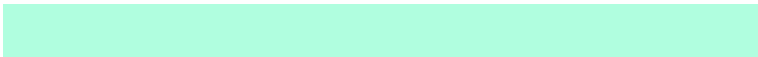
FEB0CF

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.



FFD9DE



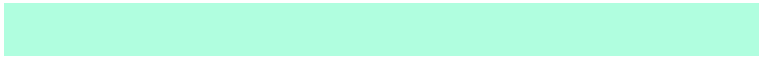
B0FEDF



FFE1FF

Square

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



B0FEDF



B8F5FF



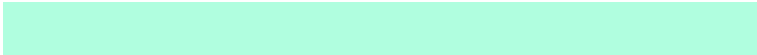
FFDAFD



FFE7B4

Rectangle

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



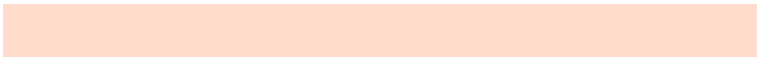
B0FEDF



97FDFF



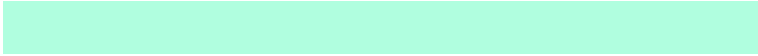
FFDAFD



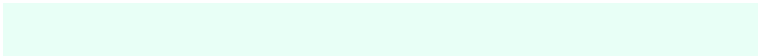
FFDCCC

Sweetspot

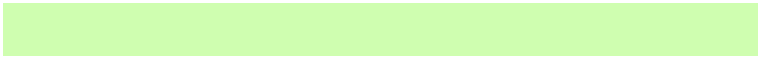
The Sweet Spot groups the original color and five complimentary colors.



B0FEDF



E8FFF6



CFE8B0



71807A



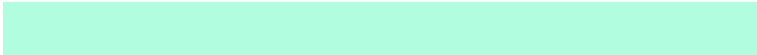
000000



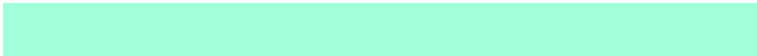
808080

Same Dimension

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



B0FEDF



A1FFDA



B0F6FE



73807A



00BF73



004026

Inverse Universe

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



FEB0CF



FFA1C6



FEB8B0



807378



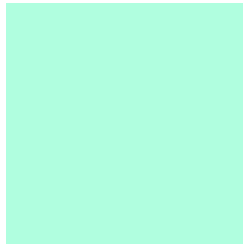
BF004C



400019

Previews

White Background



This preview shows how the Hex color B0FEDF looks on a white background.

Color Contrast Check

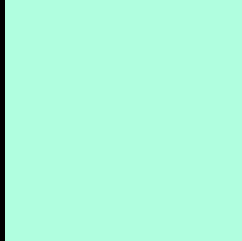
Large Text (above 18pt) WCAG AA × Fail

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 B0FEDF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

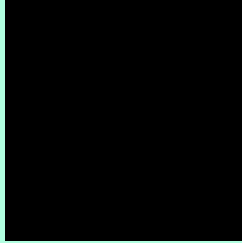
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

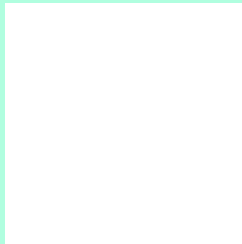
Any Text WCAG AAA ✓ Pass

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

Hex B0FEDF Background



This preview shows how black text looks on a background with the Hex color B0FEDF.

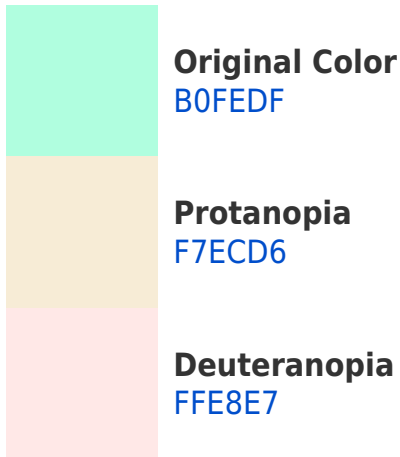


This preview shows how white text looks on a background with the Hex color B0FEDF.

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



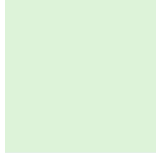


Tritanopia
D1F3FF

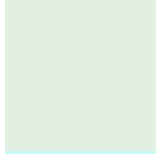
Trichromacy



Original Color
B0FEDF



Protanomaly
DDF3D9

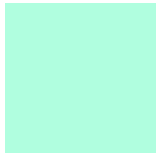


Deuteranomaly
E2F0E4

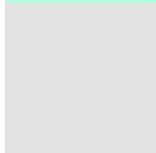


Tritanomaly
C5F7F3

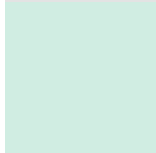
Monochromacy



Original Color
B0FEDF



Achromatopsia
E3E3E3



Achromatomaly
D0EDE2

CSS Examples

Text

The CSS property to change the color of the text to Hex B0FEDF 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 #B0FEDF looks like.

```
.text, #text, p{  
    color:#B0FEDF  
}
```

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 #B0FEDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0FEDF
}
```

Border

The CSS property to change the border of an element to Hex B0FEDF 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
#B0FEDF }
```

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

```
.border{ border-color:#B0FEDF }
```

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

Here you see how a box with a 4 pixel #B0FEDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0FEDF; -webkit-box-shadow:4px 4px  
4px 4px #B0FEDF; box-shadow:4px 4px 4px  
4px #B0FEDF }
```

Background

The CSS property to change the background color of an element to Hex B0FEDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0FEDF }
```

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

```
.background{ background-color:#B0FEDF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor