

# Converting Colors

Hex(BCFDF0)

Have a look what the booklet for  
Hex(BCFDF0) contains.

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# **Color**

**Hex(BCFDF0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCFDF0
RGB	188, 253, 240
RGB Percent	74%, 99%, 94%
CMY	0.2627, 0.0078, 0.0588
CMYK	0.26, 0.00, 0.05, 0.01
HSL	168°, 94%, 86%
HSV	168°, 26%, 99%
XYZ	71.5925, 87.2332, 95.5024
YIQ	232.0830, -34.5670, -17.8230

# Conversions

## Conversions Part 2

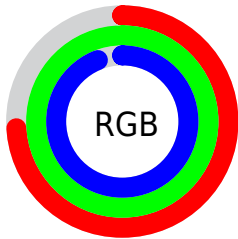
Format	Color
R <sub>Y</sub> B	188, 224, 253
Decimal	12385776
CIE Lab	94.84, -22.81, -0.35
CIE LCh	95, 22.817, 180.875
Yxy	87.2332, 0.2815, 0.3430
Android (android.graphics.Color)	4290575856 (0xFFBCFD0)
YUV	232.0830, 3.9031, -38.6608
Hunter-Lab	93.3987, -26.6229, 4.7536

# Details

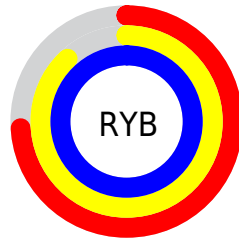
The Hex color **BCFDF0** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FDBCC9**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **F5FFFF**, and **85C4B8** is the 20% darker color. If you saturate the color by 10%, you get **A3FDEB**, and if you desaturate by 10%, it is **D5FDF5**.

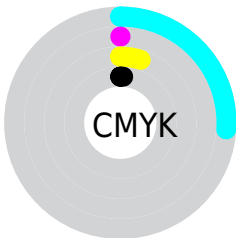
# Distribution



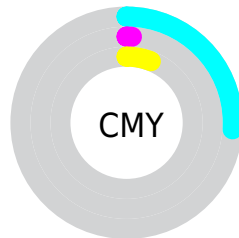
- Red (74%)
- Green (99%)
- Blue (94%)



- Red (74%)
- Yellow (88%)
- Blue (99%)



- Cyan (26%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)



- Cyan (26%)
- Magenta (1%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCFDF0 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 BCFDF0 by changing the saturation by 10% instead.



 BCFDF0

FFFFFF

 F5FFFF

 BCFDF0

 A0E0D4

 85C4B8

 6AA99D

 508E83

 36746A

 1B5C52

 00443B

 002D25

 001A10

 BCFDF0

 BCFDF0

 A3FDEB

 D5FDF5

 89FDE6

 EFFDFA

 70FDE1

 FFFDFF

 57FDDC

 3EFDD7

 24FDD2

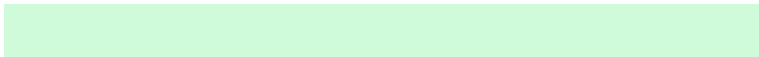
 0BFDCD

 00FDCA

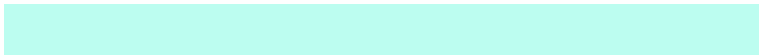
# Harmonies

## Analogous

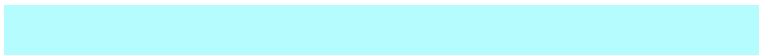
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D0FBDA



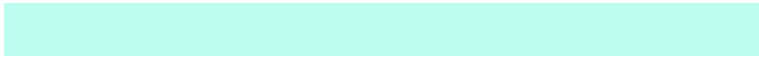
BCFDF0



B5FCFF

# Triad

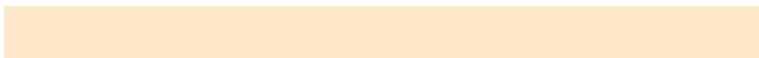
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BCFDF0



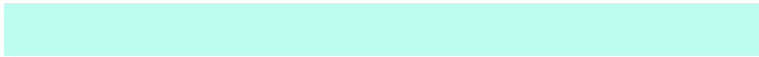
F5EAF5



FFE8CA

# Complementary

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



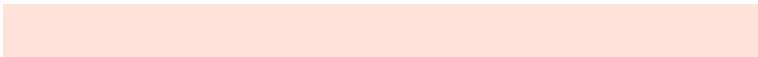
BCFDF0



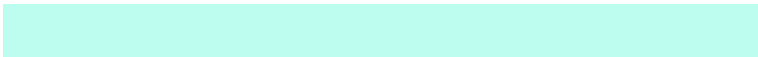
FDBCC9

# 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.



FFE2DA



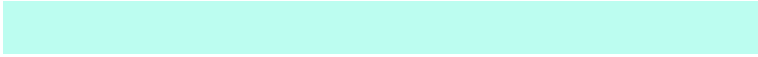
BCDFD0



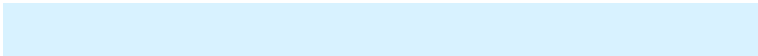
FFE4FF

# Square

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



BCFDF0



D8F2FF



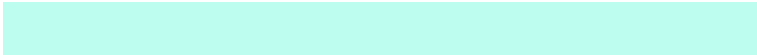
FFE1F0



FFEFC4

# Rectangle

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



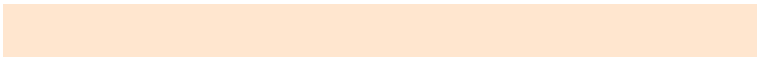
BCFDF0



BAFAFF



FFE1F0



FFE6CF



# Sweetspot

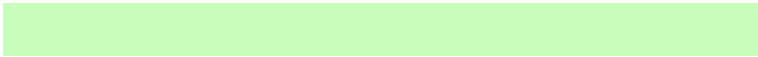
The Sweet Spot groups the original color and five complimentary colors.



BCFDF0



EBFFFB



C9FDBC



73807D



000000



808080

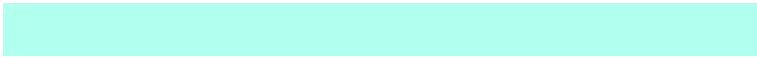


# Same Dimension

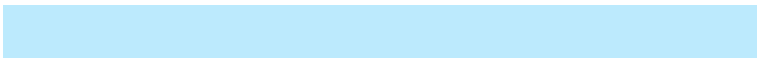
The Same Dimension uses a secret algorithm to generate beautiful new colors.



BCFDF0



B0FFEF



BCEAFD



73807D



00BF99



004033



# Inverse Universe

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



FDBCC9



FFB0C0



FDD0BC



807375



BF0026

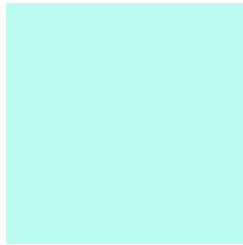


40000D



# Previews

## White Background



This preview shows how the Hex color BCFDF0 looks on a white background.

## Color Contrast Check

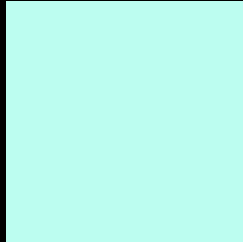
Large Text (above 18pt) WCAG AA × Fail

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 BCFDF0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

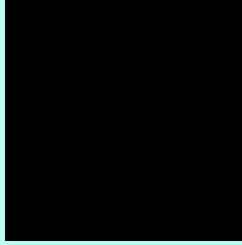
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

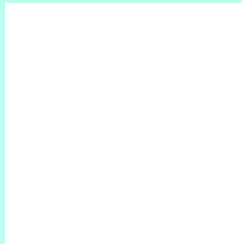
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BCFDF0 Background



This preview shows how black text looks on a background with the Hex color BCFDF0.



This preview shows how white text looks on a background with the Hex color BCFDF0.

# 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



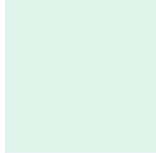


**Tritanopia**  
D9F4FF

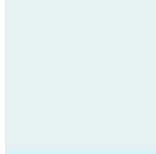
# Trichromacy



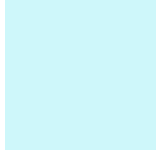
**Original Color**  
BCFDF0



**Protanomaly**  
E0F3EB

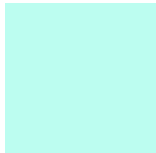


**Deuteranomaly**  
E7F1F2

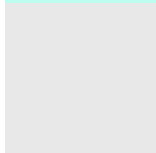


**Tritanomaly**  
CEF7FA

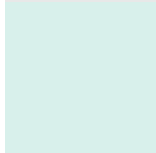
# Monochromacy



**Original Color**  
BCFDF0



**Achromatopsia**  
E8E8E8



**Achromatomaly**  
D8F0EB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCFDF0 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 #BCFDF0 looks like.

```
.text, #text, p{  
    color:#BCFDF0  
}
```

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 #BCFDF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCFDF0
}
```

## Border

The CSS property to change the border of an element to Hex BCFDF0 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
#BCFDF0 }
```

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

```
.border{ border-color:#BCFDF0 }
```

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

Here you see how a box with a 4 pixel #BCFDF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCFDF0; -webkit-box-shadow:4px 4px  
4px 4px #BCFDF0; box-shadow:4px 4px 4px  
4px #BCFDF0 }
```

# Background

The CSS property to change the background color of an element to Hex BCFDF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCFDF0 }
```

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

```
.background{ background-color:#BCFDF0 }
```

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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