

Converting Colors

Hex(3BF0CB)

Have a look what the booklet for
Hex(3BF0CB) contains.

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Color

Hex(3BF0CB)

Conversions

Conversions Part 1

Format	Color
Hex	3BF0CB
RGB	59, 240, 203
RGB Percent	23%, 94%, 80%
CMY	0.7686, 0.0588, 0.2039
CMYK	0.75, 0.00, 0.15, 0.06
HSL	168°, 86%, 59%
HSV	168°, 75%, 94%
XYZ	43.7432, 67.5618, 67.2351
YIQ	181.6630, -95.9990, -49.8790

Conversions

Conversions Part 2

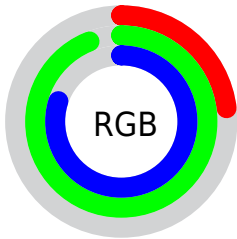
Format	Color
RYB	59, 160, 240
Decimal	3928267
CIELab	85.79, -52.70, 5.18
CIELCh	86, 52.955, 174.382
Yxy	67.5618, 0.2450, 0.3784
Android (android.graphics.Color)	4282118347 (0xFF3BF0CB)
YUV	181.6630, 10.5191, -107.5755
Hunter-Lab	82.1960, -48.8485, 9.0388

Details

The Hex color **3BF0CB** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **F03B60**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **85FFFF**, and **00B795** is the 20% darker color. If you saturate the color by 10%, you get **23F0C6**, and if you desaturate by 10%, it is **53F0D0**.

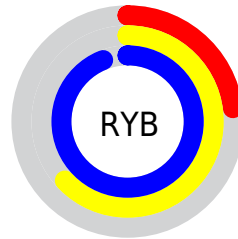
Distribution



Red (23%)

Green (94%)

Blue (80%)



Red (23%)

Yellow (63%)

Blue (94%)

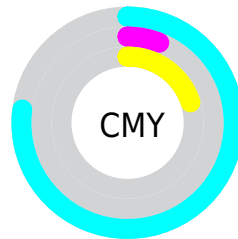


Cyan (75%)

Magenta (0%)

Yellow (15%)

Black (6%)



Cyan (77%)

Magenta (6%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BF0CB 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 3BF0CB by changing the saturation by 10% instead.

 3BF0CB

 3BF0CB

FFFFFF

 00D3B0

 85FFFF

 00B795

 A5FFFF

 009B7B

 C4FFFF

 008062

 E4FFFF

 00664B

 004D34

 00351F

 001D07

 000000

 3BF0CB

 3BF0CB

 23F0C6

 53F0D0

 0BF0C1

 6BF0D5

 00F0BF

 83F0DA

 9BF0DF

 B3F0E4

 CBF0E8

 E3F0ED

 FBF0F2

 FFF0F7

Harmonies

Analogous

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



91EB9A



3BF0CB



00F0FE

Triad

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



3BF0CB



CDCDFF



FFBE86

Complementary

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



3BF0CB



F03B60

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.



FFB1B0



3BF0CB



FFBAFF

Square

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



3BF0CB



70DEFF



FFAFE2



FED071

Rectangle

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



3BF0CB



00EDFF



FFAFE2



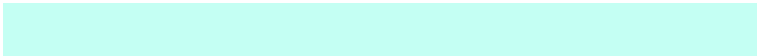
FFB993

Sweetspot

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



3BF0CB



C4FFF3



62F03B



5C8078



000000



808080

Same Dimension

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



3BF0CB



17FFD0



3BBDF0



6C7875



00B892



00382D

Inverse Universe

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



F03B60



FF1746



F06E3B



786C6E



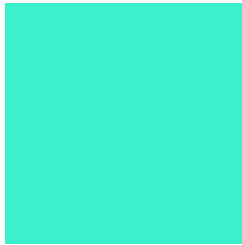
B80026



38000B

Previews

White Background



This preview shows how the Hex color 3BF0CB looks on a white background.

Color Contrast Check

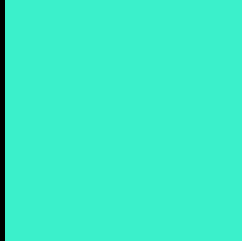
Large Text (above 18pt) WCAG AA × Fail

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 3BF0CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

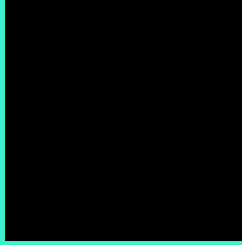
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

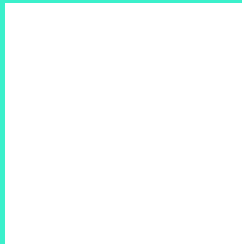
Any Text WCAG AAA ✓ Pass

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

Hex 3BF0CB Background



This preview shows how black text looks on a background with the Hex color 3BF0CB.

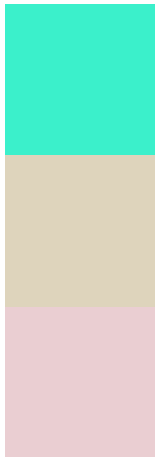


This preview shows how white text looks on a background with the Hex color 3BF0CB.

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
3BF0CB

Protanopia
DED4BC

Deuteranopia
EACED2

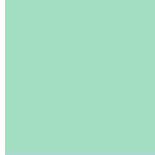


Tritanopia
57E9FC

Trichromacy



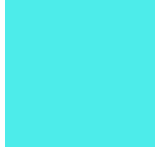
Original Color
3BF0CB



Protanomaly
A3DEC1



Deuteranomaly
AADACF

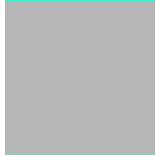


Tritanomaly
4DECEA

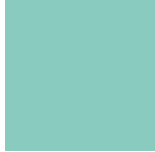
Monochromacy



Original Color
3BF0CB



Achromatopsia
B6B6B6



Achromatomaly
89CBBE

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BF0CB 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 #3BF0CB looks like.

```
.text, #text, p{  
    color:#3BF0CB  
}
```

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 #3BF0CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BF0CB
}
```

Border

The CSS property to change the border of an element to Hex 3BF0CB 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
#3BF0CB }
```

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

```
.border{ border-color:#3BF0CB }
```

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

Here you see how a box with a 4 pixel #3BF0CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BF0CB; -webkit-box-shadow:4px 4px  
4px 4px #3BF0CB; box-shadow:4px 4px 4px  
4px #3BF0CB }
```

Background

The CSS property to change the background color of an element to Hex 3BF0CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BF0CB }
```

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

```
.background{ background-color:#3BF0CB }
```

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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