

Converting Colors

Hex(3BF7B0)

Have a look what the booklet for
Hex(3BF7B0) contains.

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Color

Hex(3BF7B0)

Conversions

Conversions Part 1

Format	Color
Hex	3BF7B0
RGB	59, 247, 176
RGB Percent	23%, 97%, 69%
CMY	0.7686, 0.0314, 0.3098
CMYK	0.76, 0.00, 0.29, 0.03
HSL	157°, 92%, 60%
HSV	157°, 76%, 97%
XYZ	42.9009, 70.5859, 52.4376
YIQ	182.6940, -89.2570, -61.9370

Conversions

Conversions Part 2

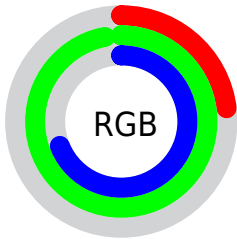
Format	Color
RYB	59, 175, 247
Decimal	3930032
CIELab	87.28, -61.65, 21.31
CIELCh	87, 65.224, 160.933
Yxy	70.5859, 0.2586, 0.4254
Android (android.graphics.Color)	4282120112 (0xFF3BF7B0)
YUV	182.6940, -3.3001, -108.4796
Hunter-Lab	84.0154, -55.8794, 21.8054

Details

The Hex color **3BF7B0** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **F73B82**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **85FFE8**, and **00BD7B** is the 20% darker color. If you saturate the color by 10%, you get **22F7A7**, and if you desaturate by 10%, it is **54F7B9**.

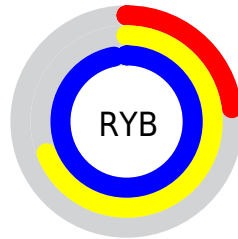
Distribution



Red (23%)

Green (97%)

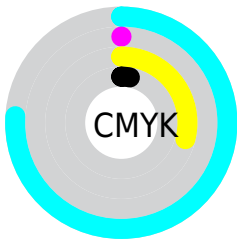
Blue (69%)



Red (23%)

Yellow (69%)

Blue (97%)

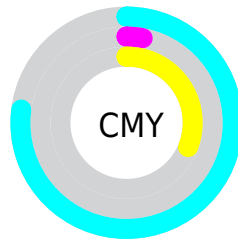


Cyan (76%)

Magenta (0%)

Yellow (29%)

Black (3%)



Cyan (77%)

Magenta (3%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BF7B0 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 3BF7B0 by changing the saturation by 10% instead.

 3BF7B0

 3BF7B0

FFFFFF

 00DA95

 85FFE8

 00BD7B

 A5FFFF

 00A162

 C5FFFF

 00864A

 E4FFFF

 006C33

 00521D

 003905

 002100

 000000

 3BF7B0

 3BF7B0

 22F7A7

 54F7B9

 0AF79D

 6CF7C3

 00F79A

 85F7CC

 9EF7D5

 B6F7DF

 CFF7E8

 E8F7F1

 FFF7FB

 FFF7FF

Harmonies

Analogous

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



A5EE79



3BF7B0



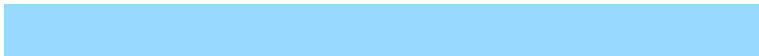
00FAF0

Triad

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



3BF7B0



98DAFF



FFB28C

Complementary

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



3BF7B0



F73B82

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.



FFA5C6



3BF7B0



FDC1FF

Square

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



3BF7B0



00ECFF



FFABFF



FFC963

Rectangle

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



3BF7B0



00F9FF



FFABFF



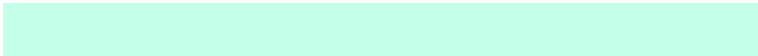
FFAC9E

Sweetspot

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



3BF7B0



C4FFE9



83F73B



5C8072



000000



808080

Same Dimension

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



3BF7B0



17FFA7



3BE1F7



6E7A76



00BA74



003B25

Inverse Universe

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



F73B82



FF176F



F7513B



7A6E73



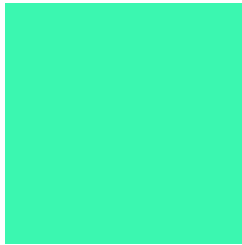
BA0046



3B0016

Previews

White Background



This preview shows how the Hex color 3BF7B0 looks on a white background.

Color Contrast Check

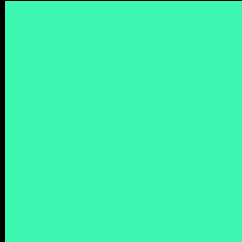
Large Text (above 18pt) WCAG AA × Fail

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 3BF7B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

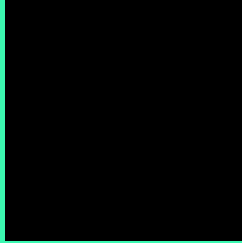
Any Text WCAG AA ✓ Pass

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 3BF7B0 Background



This preview shows how black text looks on a background with the Hex color 3BF7B0.

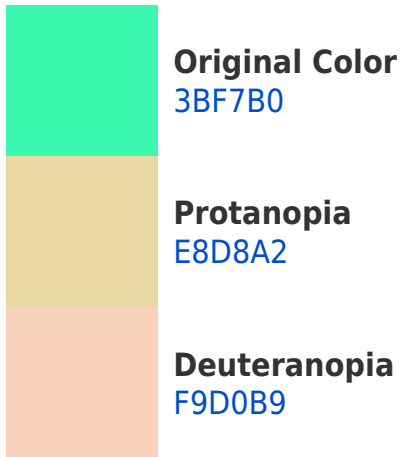


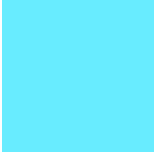
This preview shows how white text looks on a background with the Hex color 3BF7B0.

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
68ECFF

Trichromacy



Original Color
3BF7B0



Protanomaly
A9E3A7

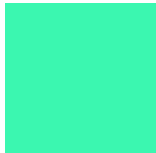


Deuteranomaly
B4DEB6

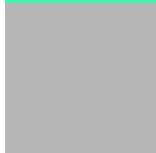


Tritanomaly
58F0E2

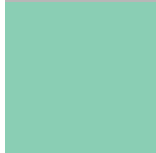
Monochromacy



Original Color
3BF7B0



Achromatopsia
B7B7B7



Achromatomaly
8ACEB4

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BF7B0 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 #3BF7B0 looks like.

```
.text, #text, p{  
    color:#3BF7B0  
}
```

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 #3BF7B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BF7B0
}
```

Border

The CSS property to change the border of an element to Hex 3BF7B0 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
#3BF7B0 }
```

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

```
.border{ border-color:#3BF7B0 }
```

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

Here you see how a box with a 4 pixel #3BF7B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BF7B0; -webkit-box-shadow:4px 4px  
4px 4px #3BF7B0; box-shadow:4px 4px 4px  
4px #3BF7B0 }
```

Background

The CSS property to change the background color of an element to Hex 3BF7B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BF7B0 }
```

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

```
.background{ background-color:#3BF7B0 }
```

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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