

Converting Colors

Hex(3BF7C7)

Have a look what the booklet for
Hex(3BF7C7) contains.

Hex(3BF7C7)	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(3BF7C7)

Conversions

Conversions Part 1

Format	Color
Hex	3BF7C7
RGB	59, 247, 199
RGB Percent	23%, 97%, 78%
CMY	0.7686, 0.0314, 0.2196
CMYK	0.76, 0.00, 0.19, 0.03
HSL	165°, 92%, 60%
HSV	165°, 76%, 97%
XYZ	45.3732, 71.5749, 65.4567
YIQ	185.3160, -96.6400, -54.7840

Conversions

Conversions Part 2

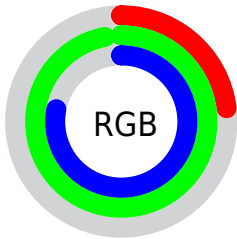
Format	Color
R _Y B	59, 167, 247
Decimal	3930055
CIE Lab	87.76, -56.48, 10.11
CIE LCh	88, 57.382, 169.855
Yxy	71.5749, 0.2488, 0.3924
Android (android.graphics.Color)	4282120135 (0xFF3BF7C7)
YUV	185.3160, 6.7462, -110.7791
Hunter-Lab	84.6019, -52.3213, 13.3485

Details

The Hex color **3BF7C7** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **F73B6B**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **86FFFF**, and **00BD91** is the 20% darker color. If you saturate the color by 10%, you get **22F7C1**, and if you desaturate by 10%, it is **54F7CD**.

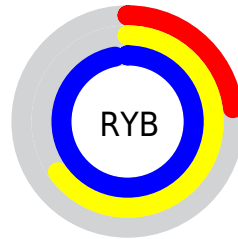
Distribution



Red (23%)

Green (97%)

Blue (78%)



Red (23%)

Yellow (65%)

Blue (97%)

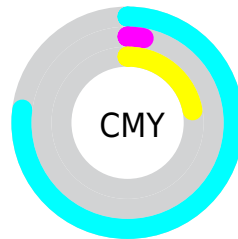


Cyan (76%)

Magenta (0%)

Yellow (19%)

Black (3%)



Cyan (77%)

Magenta (3%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BF7C7 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 3BF7C7 by changing the saturation by 10% instead.

 3BF7C7

FFFFFF

 86FFFF

 A6FFFF

 C6FFFF

 E5FFFF

 3BF7C7

 00DAAC

 00BD91

 00A277

 00875F

 006C47

 005231

 003A1B

 002202

 000000

 3BF7C7

 3BF7C7

 22F7C1

 54F7CD


 0AF7BA

 6CF7D4

 00F7B8

 85F7DA

 9EF7E0

 B6F7E7

 CFF7ED

 E8F7F3

 FFF7F9

 FFF7FF

Harmonies

Analogous

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



9AF093



3BF7C7



00F8FF

Triad

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



3BF7C7



C3D5FF



FFBF8B

Complementary

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



3BF7C7



F73B6B

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.



FFB1BA



3BF7C7



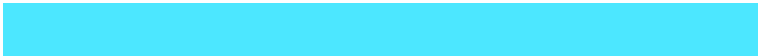
FFC0FF

Square

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



3BF7C7



4CE7FF



FFB1F1



FFD36F

Rectangle

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



3BF7C7



00F5FF



FFB1F1



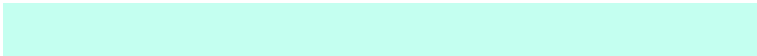
FFB999

Sweetspot

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



3BF7C7



C4FFF0



6DF73B



5C8076



000000



808080

Same Dimension

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



3BF7C7



17FFC4



3BCBF7



6E7A77



00BA8B



003B2C

Inverse Universe

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



F73B6B



FF1752



F7673B



7A6E71



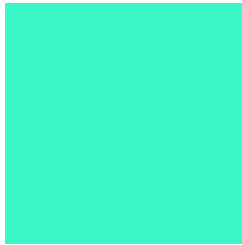
BA0030



3B000F

Previews

White Background



This preview shows how the Hex color 3BF7C7 looks on a white background.

Color Contrast Check

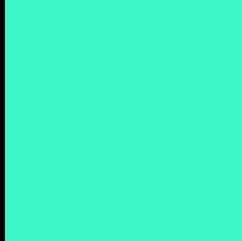
Large Text (above 18pt) WCAG AA × Fail

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 3BF7C7 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 3BF7C7 Background



This preview shows how black text looks on a background with the Hex color 3BF7C7.

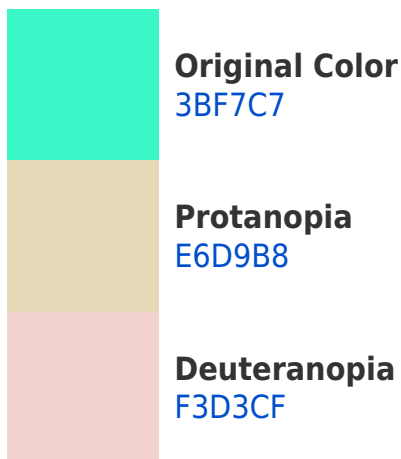


This preview shows how white text looks on a background with the Hex color 3BF7C7.

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



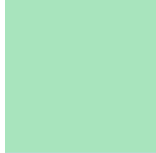


Tritanopia
6FEDFF

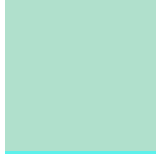
Trichromacy



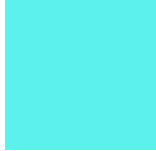
Original Color
3BF7C7



Protanomaly
A8E4BD

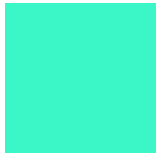


Deuteranomaly
B0E0CC

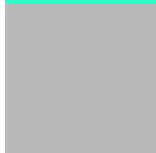


Tritanomaly
5CF1EB

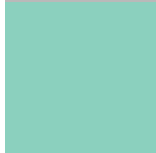
Monochromacy



Original Color
3BF7C7



Achromatopsia
B9B9B9



Achromatomaly
8BD0BE

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BF7C7 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 #3BF7C7 looks like.

```
.text, #text, p{  
    color:#3BF7C7  
}
```

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 #3BF7C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BF7C7
}
```

Border

The CSS property to change the border of an element to Hex 3BF7C7 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
#3BF7C7 }
```

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

```
.border{ border-color:#3BF7C7 }
```

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

Here you see how a box with a 4 pixel #3BF7C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BF7C7; -webkit-box-shadow:4px 4px  
4px 4px #3BF7C7; box-shadow:4px 4px 4px  
4px #3BF7C7 }
```

Background

The CSS property to change the background color of an element to Hex 3BF7C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BF7C7 }
```

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

```
.background{ background-color:#3BF7C7 }
```

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