

Converting Colors

Hex(3BFCF7)

Have a look what the booklet for
Hex(3BFCF7) contains.

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Color

Hex(3BFCF7)

Conversions

Conversions Part 1

Format	Color
Hex	3BFCF7
RGB	59, 252, 247
RGB Percent	23%, 99%, 97%
CMY	0.7686, 0.0118, 0.0314
CMYK	0.77, 0.00, 0.02, 0.01
HSL	178°, 97%, 61%
HSV	178°, 77%, 99%
XYZ	53.4025, 77.2660, 100.0949
YIQ	193.7230, -113.4230, -42.4710

Conversions

Conversions Part 2

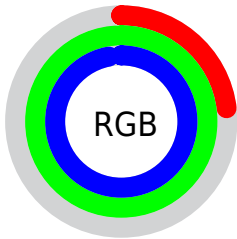
Format	Color
RYB	59, 157, 252
Decimal	3931383
CIELab	90.44, -46.23, -10.94
CIELCh	90, 47.505, 193.319
Yxy	77.2660, 0.2314, 0.3348
Android (android.graphics.Color)	4282121463 (0xFF3BFCF7)
YUV	193.7230, 26.2656, -118.1521
Hunter-Lab	87.9011, -45.3828, -5.9841

Details

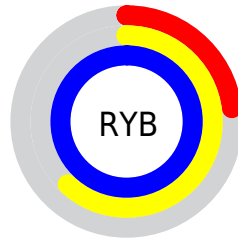
The Hex color **3BFCF7** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FC3B40**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **8AFFFF**, and **00C3BF** is the 20% darker color. If you saturate the color by 10%, you get **22FCF6**, and if you desaturate by 10%, it is **54FCF8**.

Distribution



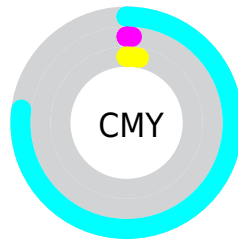
- Red (23%)
- Green (99%)
- Blue (97%)



- Red (23%)
- Yellow (62%)
- Blue (99%)



- Cyan (77%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



- Cyan (77%)
- Magenta (1%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BFCF7 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 3BFCF7 by changing the saturation by 10% instead.

 3BFCF7

 3BFCF7

FFFFFF

 00DFDB

 8AFFFF

 00C3BF

 ABFFFF

 00A7A4

 CBFFFF

 008C89

 EBFFFF

 007270

 005858

 003F40

 002A2A


 000417

 3BFCF7

 3BFCF7

 22FCF6

 54FCF8

 09FCF6

 6DFCF8

 00FCF5

 87FCF9

 A0FCFA

 B9FCFA

 D2FCFB

 EBFCFC

 FFFCFC

 FFFCFD

Harmonies

Analogous

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



81FAC8



3BFCF7



17F9FF

Triad

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



3BFCF7



FFD0FF



FFD88D

Complementary

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



3BFCF7



FC3B40

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.



FFC9A7



3BFCF7



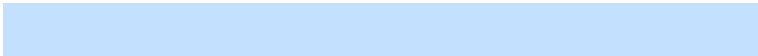
FFC3FF

Square

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



3BFCF7



C3E1FF



FFC0D1



EDE78A

Rectangle

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



3BFCF7



56F3FF



FFC0D1



FFD393

Sweetspot

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



3BFCF7



C4FFFD



41FC3B



5C807F



000000



808080

Same Dimension

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



3BFCF7



14FFF9



3BA2FC



707D7D



00BDB8



003D3C

Inverse Universe

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



FC3B40



FF141A



FC953B



7D7071



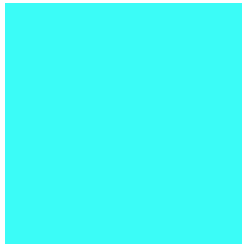
BD0005



3D0002

Previews

White Background



This preview shows how the Hex color 3BFCF7 looks on a white background.

Color Contrast Check

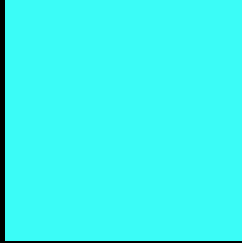
Large Text (above 18pt) WCAG AA × Fail

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 3BFCF7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

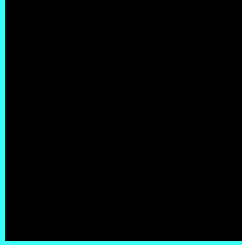
Any Text WCAG AA ✓ Pass

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 3BFCF7 Background



This preview shows how black text looks on a background with the Hex color 3BFCF7.



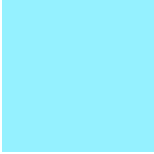
This preview shows how white text looks on a background with the Hex color 3BFCF7.

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
95F1FF

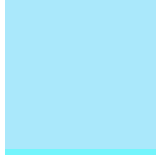
Trichromacy



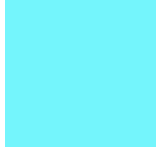
Original Color
3BFCF7



Protanomaly
A7EAEC



Deuteranomaly
AAE8FB

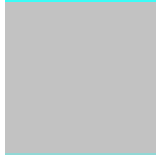


Tritanomaly
74F5FC

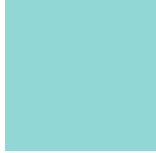
Monochromacy



Original Color
3BFCF7



Achromatopsia
C2C2C2



Achromatomaly
91D7D5

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BFCF7 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 #3BFCF7 looks like.

```
.text, #text, p{  
    color:#3BFCF7  
}
```

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 #3BFCF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BFCF7
}
```

Border

The CSS property to change the border of an element to Hex 3BFCF7 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
#3BFCF7 }
```

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

```
.border{ border-color:#3BFCF7 }
```

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

Here you see how a box with a 4 pixel #3BFCF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BFCF7; -webkit-box-shadow:4px 4px  
4px 4px #3BFCF7; box-shadow:4px 4px 4px  
4px #3BFCF7 }
```

Background

The CSS property to change the background color of an element to Hex 3BFCF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BFCF7 }
```

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

```
.background{ background-color:#3BFCF7 }
```

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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