

Converting Colors

Hex(7BF3F0)

Have a look what the booklet for
Hex(7BF3F0) contains.

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Color

Hex(7BF3F0)

Conversions

Conversions Part 1

Format	Color
Hex	7BF3F0
RGB	123, 243, 240
RGB Percent	48%, 95%, 94%
CMY	0.5176, 0.0471, 0.0588
CMYK	0.49, 0.00, 0.01, 0.05
HSL	178°, 83%, 72%
HSV	178°, 49%, 95%
XYZ	55.9471, 74.6034, 93.8892
YIQ	206.7780, -70.5570, -26.3730

Conversions

Conversions Part 2

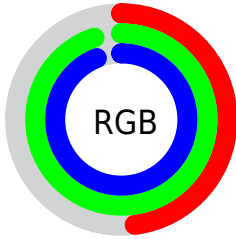
Format	Color
RYB	123, 184, 243
Decimal	8123376
CIELab	89.21, -34.44, -8.97
CIELCh	89, 35.593, 194.600
Yxy	74.6034, 0.2493, 0.3324
Android (android.graphics.Color)	4286313456 (0xFF7BF3F0)
YUV	206.7780, 16.3784, -73.4733
Hunter-Lab	86.3733, -35.5322, -3.9880

Details

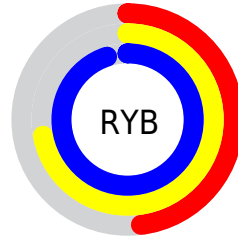
The Hex color **7BF3F0** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F3B7E**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **B7FFFF**, and **3ABAB8** is the 20% darker color. If you saturate the color by 10%, you get **63F3EF**, and if you desaturate by 10%, it is **93F3F1**.

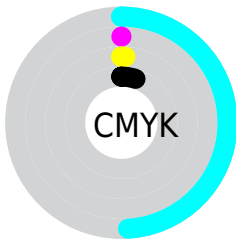
Distribution



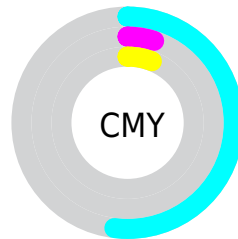
- Red (48%)
- Green (95%)
- Blue (94%)



- Red (48%)
- Yellow (72%)
- Blue (95%)



- Cyan (49%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)



- Cyan (52%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BF3F0 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 7BF3F0 by changing the saturation by 10% instead.

 7BF3F0

 7BF3F0

FFFFFF

 5CD6D4

 B7FFFF

 3ABAB8

 D5FFFF

 009F9D

 F3FFFF

 008583

 006B6A

 005252

 003A3B

 002525

 000111

 7BF3F0

 7BF3F0

 63F3EF

 93F3F1

 4AF3EF

 ACF3F1

 32F3EE

 C4F3F2

 1AF3EE

 DCF3F2

 02F3ED

 F4F3F3

 00F3ED

 FFF3F4

 FFF3F5

Harmonies

Analogous

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



9AF2CD



7BF3F0



79F0FF

Triad

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



7BF3F0



FAD2FF



FFD89F

Complementary

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



7BF3F0



F37B7E

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.



FFCDB2



7BF3F0



FFC9F3

Square

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



7BF3F0



CDDEFF



FFC7D1



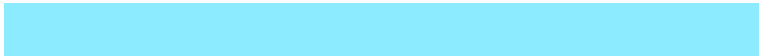
E7E39E

Rectangle

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



7BF3F0



8DEBFF



FFC7D1



FFD4A4

Sweetspot

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



7BF3F0



D9FFFE



7FF37B



69807F



000000



808080

Same Dimension

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



7BF3F0



69FFFB



7BBBF3



6E7A7A



00BAB5



003B39

Inverse Universe

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



F37B7E



FF696C



F3B37B



7A6E6E



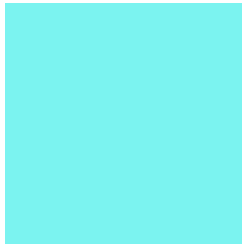
BA0005



3B0001

Previews

White Background



This preview shows how the Hex color 7BF3F0 looks on a white background.

Color Contrast Check

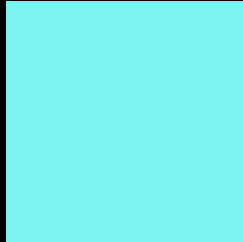
Large Text (above 18pt) WCAG AA × Fail

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 7BF3F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

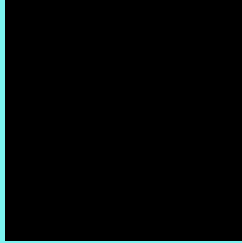
Any Text WCAG AA ✓ Pass

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 7BF3F0 Background



This preview shows how black text looks on a background with the Hex color 7BF3F0.

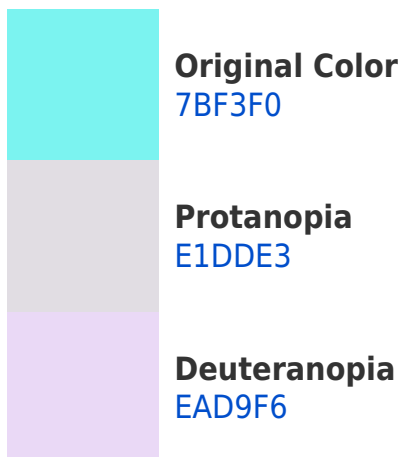


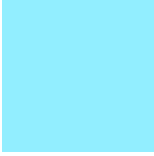
This preview shows how white text looks on a background with the Hex color 7BF3F0.

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
92EEFF

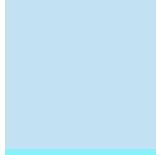
Trichromacy



Original Color
7BF3F0



Protanomaly
BCE5E8



Deuteranomaly
C2E2F4

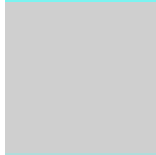


Tritanomaly
8AF0FA

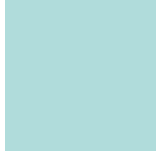
Monochromacy



Original Color
7BF3F0



Achromatopsia
CFCFCF



Achromatomaly
B0DCDB

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BF3F0 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 #7BF3F0 looks like.

```
.text, #text, p{  
    color:#7BF3F0  
}
```

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 #7BF3F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BF3F0
}
```

Border

The CSS property to change the border of an element to Hex 7BF3F0 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
#7BF3F0 }
```

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

```
.border{ border-color:#7BF3F0 }
```

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

Here you see how a box with a 4 pixel #7BF3F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BF3F0; -webkit-box-shadow:4px 4px  
4px 4px #7BF3F0; box-shadow:4px 4px 4px  
4px #7BF3F0 }
```

Background

The CSS property to change the background color of an element to Hex 7BF3F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BF3F0 }
```

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

```
.background{ background-color:#7BF3F0 }
```

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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