

Converting Colors

Hex(7FC3E7)

Have a look what the booklet for
Hex(7FC3E7) contains.

Hex(7FC3E7)	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(7FC3E7)

Conversions

Conversions Part 1

Format	Color
Hex	7FC3E7
RGB	127, 195, 231
RGB Percent	50%, 76%, 91%
CMY	0.5020, 0.2353, 0.0941
CMYK	0.45, 0.16, 0.00, 0.09
HSL	201°, 68%, 70%
HSV	201°, 45%, 91%
XYZ	42.6913, 49.3118, 82.8694
YIQ	178.7720, -52.0840, -3.2200

Conversions

Conversions Part 2

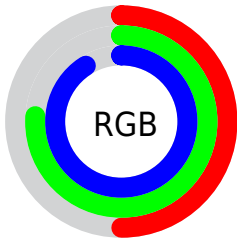
Format	Color
RYB	127, 168, 231
Decimal	8373223
CIELab	75.64, -12.10, -24.59
CIElCh	76, 27.412, 243.795
Yxy	49.3118, 0.2441, 0.2820
Android (android.graphics.Color)	4286563303 (0xFF7FC3E7)
YUV	178.7720, 25.7484, -45.4040
Hunter-Lab	70.2223, -14.3709, -20.8125

Details

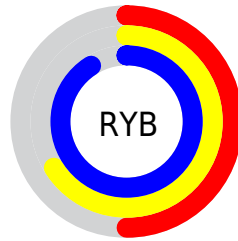
The Hex color **7FC3E7** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E7A37F**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **B8FCFF**, and **468DAF** is the 20% darker color. If you saturate the color by 10%, you get **68BBE7**, and if you desaturate by 10%, it is **96CBE7**.

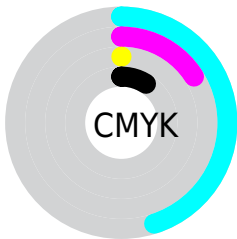
Distribution



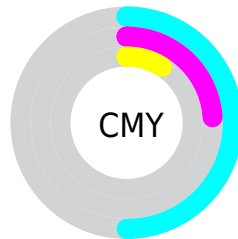
- Red (50%)
- Green (76%)
- Blue (91%)



- Red (50%)
- Yellow (66%)
- Blue (91%)



- Cyan (45%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (50%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FC3E7 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 7FC3E7 by changing the saturation by 10% instead.

 7FC3E7

 7FC3E7

FFFFFF

 63A8CB

 B8FCFF

 468DAF

 D5FFFF

 267495

 F3FFFF

 005B7B

 004462

 002D4A

 001A33

 00021E

 000000

 7FC3E7

 7FC3E7

 68BBE7

 96CBE7

 51B3E7

 ADD3E7

 3AABE7

 C4DBE7

 23A3E7

 DBE3E7

 0C9BE7

 F3EBE7

 0097E7

 FFF3E7

 FFFBE7

 FFFFE7

Harmonies

Analogous

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



6FC8D6



7FC3E7



A0BCEC

Triad

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



7FC3E7



ECA8B8



AEC190

Complementary

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



7FC3E7



E7A37F

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.



CABA88



7FC3E7



ECAA9F

Square

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



7FC3E7



DEABD1



E0B18E



91C7A3

Rectangle

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



7FC3E7



B7B6E8



E0B18E



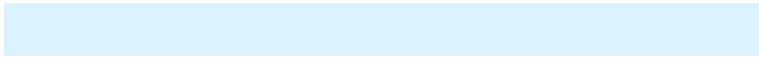
B8BF8C

Sweetspot

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



7FC3E7



DBF3FF



7FE7A2



6A7880



000000



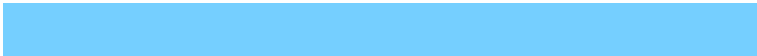
808080

Same Dimension

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



7FC3E7



75CFFF



7F90E7



676F73



0075B3



002133

Inverse Universe

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



E77FC3



FF75CF



E7D67F



73676F



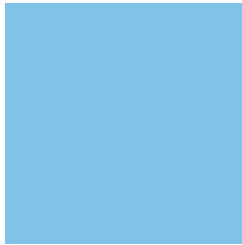
B30075



330021

Previews

White Background



This preview shows how the Hex color 7FC3E7 looks on a white background.

Color Contrast Check

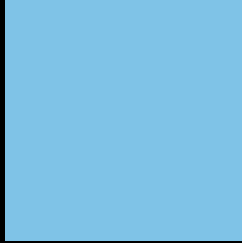
Large Text (above 18pt) WCAG AA × Fail

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 7FC3E7 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 7FC3E7 Background



This preview shows how black text looks on a background with the Hex color 7FC3E7.



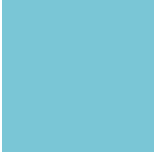
This preview shows how white text looks on a background with the Hex color 7FC3E7.

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](#).

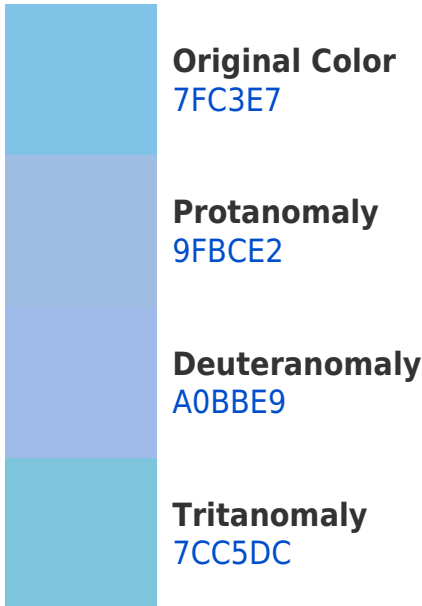
Dichromacy



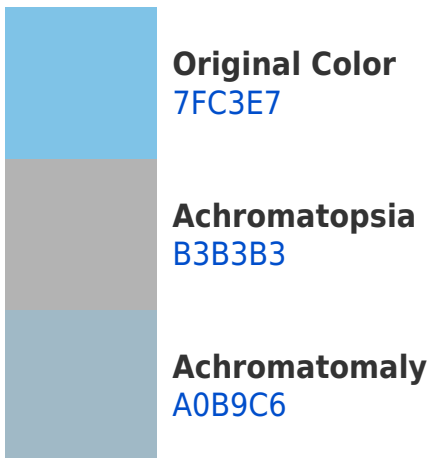


Tritanopia
7AC6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FC3E7 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 #7FC3E7 looks like.

```
.text, #text, p{  
    color:#7FC3E7  
}
```

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 #7FC3E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FC3E7
}
```

Border

The CSS property to change the border of an element to Hex 7FC3E7 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
#7FC3E7 }
```

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

```
.border{ border-color:#7FC3E7 }
```

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

Here you see how a box with a 4 pixel #7FC3E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FC3E7; -webkit-box-shadow:4px 4px  
4px 4px #7FC3E7; box-shadow:4px 4px 4px  
4px #7FC3E7 }
```

Background

The CSS property to change the background color of an element to Hex 7FC3E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FC3E7 }
```

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

```
.background{ background-color:#7FC3E7 }
```

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