

Converting Colors

Hex(7CCCF3)

Have a look what the booklet for
Hex(7CCCCF3) contains.

Hex(7CCCCF3)	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(7CCCF3)

Conversions

Conversions Part 1

Format	Color
Hex	7CCCFF
RGB	124, 204, 243
RGB Percent	49%, 80%, 95%
CMY	0.5137, 0.2000, 0.0471
CMYK	0.49, 0.16, 0.00, 0.05
HSL	200°, 83%, 72%
HSV	200°, 49%, 95%
XYZ	46.0827, 53.9419, 92.7770
YIQ	184.5260, -60.1990, -4.8310

Conversions

Conversions Part 2

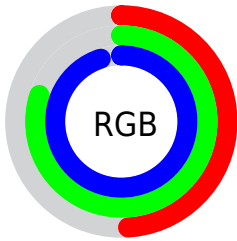
Format	Color
RYB	124, 172, 243
Decimal	8178931
CIELab	78.43, -14.22, -26.80
CIELCh	78, 30.339, 242.054
Yxy	53.9419, 0.2390, 0.2798
Android (android.graphics.Color)	4286369011 (0xFF7CCCF3)
YUV	184.5260, 28.8277, -53.0813
Hunter-Lab	73.4451, -16.5302, -23.4844

Details

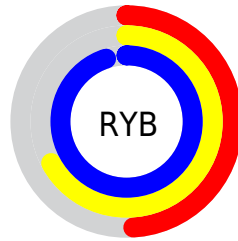
The Hex color **7CCCF3** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F3A37C**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **B6FFFF**, and **4096BB** is the 20% darker color. If you saturate the color by 10%, you get **64C4F3**, and if you desaturate by 10%, it is **94D4F3**.

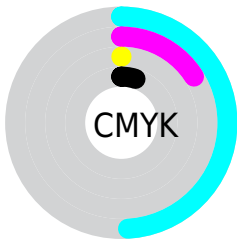
Distribution



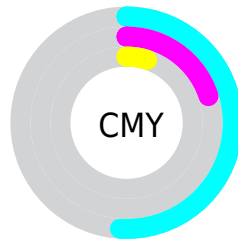
- Red (49%)
- Green (80%)
- Blue (95%)



- Red (49%)
- Yellow (67%)
- Blue (95%)



- Cyan (49%)
- Magenta (16%)
- Yellow (0%)
- Black (5%)



- Cyan (51%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CCCF3 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 7CCCF3 by changing the saturation by 10% instead.

 7CCCF3

 7CCCF3

FFFFFF

 5FB1D7

 B6FFFF

 4096BB

 D4FFFF

 197CA0

 F1FFFF

 006385

 004B6C

 003454

 00203C

 000327

 000110

 7CCCF3

 7CCCF3

 64C4F3

 94D4F3

 4BBCF3

 ADDCF3

 33B4F3

 C5E4F3

 1BACF3

 DDEC F3

 03A4F3

 F5F4F3

 00A3F3

 FFFCF3

 FFFFF3

Harmonies

Analogous

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



6BD1DF



7CCCF3



A1C4FA

Triad

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



7CCCF3



F9ADC1



B6C992

Complementary

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



7CCCF3



F3A37C

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.



D4C18A



7CCCF3



FAB0A5

Square

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



7CCCF3



E8B1DD



ECB791



95CFA7

Rectangle

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



7CCCF3



BCBDF6



ECB791



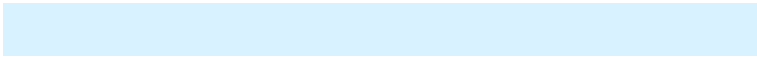
C1C78D

Sweetspot

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



7CCCF3



D9F2FF



7CF3A2



697880



000000



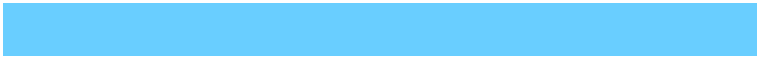
808080

Same Dimension

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



7CCCF3



69CEFF



7C92F3



6E767A



007DBA



00273B

Inverse Universe

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



F37CCC



FF69CE



F3DD7C



7A6E76



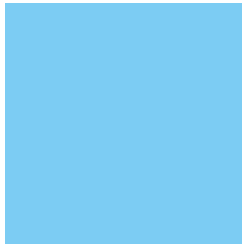
BA007D



3B0027

Previews

White Background



This preview shows how the Hex color 7CCCF3 looks on a white background.

Color Contrast Check

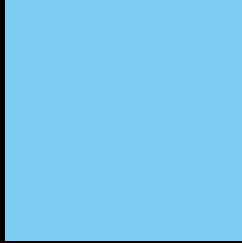
Large Text (above 18pt) WCAG AA × Fail

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 7CCCF3 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 7CCCF3 Background



This preview shows how black text looks on a background with the Hex color 7CCCF3.



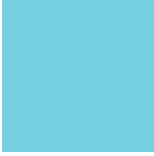
This preview shows how white text looks on a background with the Hex color 7CCCF3.

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](#).

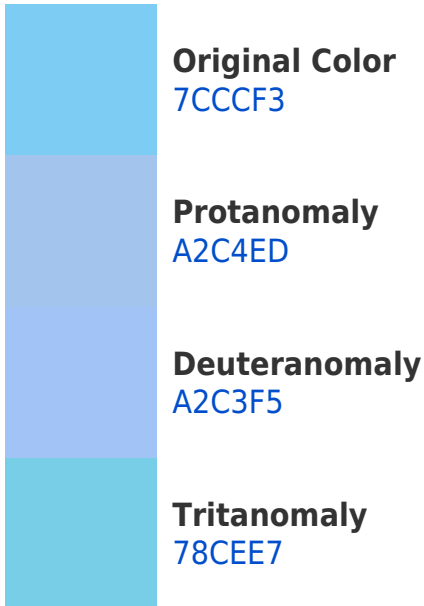
Dichromacy



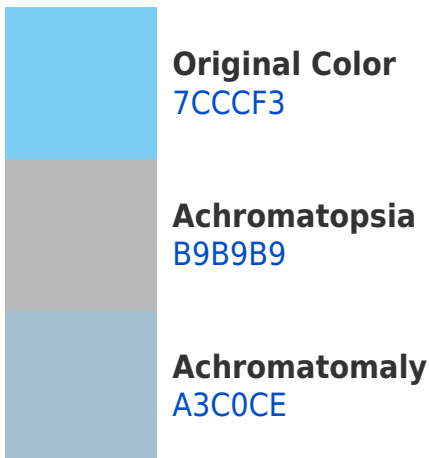


Tritanopia
76CFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7CCCF3 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 #7CCCF3 looks like.

```
.text, #text, p{  
    color:#7CCCF3  
}
```

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 #7CCCF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CCCF3
}
```

Border

The CSS property to change the border of an element to Hex 7CCCF3 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
#7CCCF3 }
```

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

```
.border{ border-color:#7CCCF3 }
```

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

Here you see how a box with a 4 pixel #7CCCF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CCCF3; -webkit-box-shadow:4px 4px  
4px 4px #7CCCF3; box-shadow:4px 4px 4px  
4px #7CCCF3 }
```

Background

The CSS property to change the background color of an element to Hex 7CCCF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CCCF3 }
```

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

```
.background{ background-color:#7CCCF3 }
```

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