

Converting Colors

Hex(7BC6EF)

Have a look what the booklet for
Hex(7BC6EF) contains.

Hex(7BC6EF)	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(7BC6EF)

Conversions

Conversions Part 1

Format	Color
Hex	7BC6EF
RGB	123, 198, 239
RGB Percent	48%, 78%, 94%
CMY	0.5176, 0.2235, 0.0627
CMYK	0.49, 0.17, 0.00, 0.06
HSL	201°, 78%, 71%
HSV	201°, 49%, 94%
XYZ	43.9424, 50.8311, 89.1567
YIQ	180.2490, -57.8610, -3.1490

Conversions

Conversions Part 2

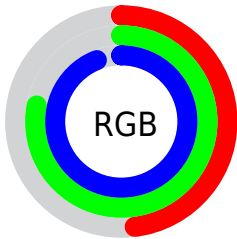
Format	Color
R _Y B	123, 169, 239
Decimal	8111855
CIE Lab	76.58, -12.42, -27.49
CIE LCh	77, 30.168, 245.696
Yxy	50.8311, 0.2389, 0.2764
Android (android.graphics.Color)	4286301935 (0xFF7BC6EF)
YUV	180.2490, 28.9642, -50.2074
Hunter-Lab	71.2959, -14.7514, -24.2359

Details

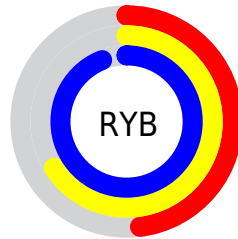
The Hex color **7BC6EF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EFA47B**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **B5FFFF**, and **3F90B7** is the 20% darker color. If you saturate the color by 10%, you get **63BEEF**, and if you desaturate by 10%, it is **93CEEF**.

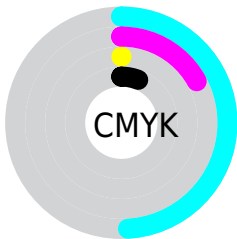
Distribution



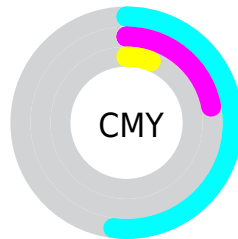
- Red (48%)
- Green (78%)
- Blue (94%)



- Red (48%)
- Yellow (66%)
- Blue (94%)



- Cyan (49%)
- Magenta (17%)
- Yellow (0%)
- Black (6%)



- Cyan (52%)
- Magenta (22%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BC6EF 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 7BC6EF by changing the saturation by 10% instead.

 7BC6EF

 7BC6EF

FFFFFF

 5EABD3

 B5FFFF

 3F90B7

 D2FFFF

 1A779C

 F0FFFF

 005E82

 004668

 003050

 001C39

 000223

 00000B

 7BC6EF

 7BC6EF

 63BEEF

 93CEEF

 4BB5EF

 ABD7EF

 33ADEF

 C3DFEF

 1BA4EF

 DBE8EF

 049CEF

 F3F0EF

 009BEF

 FFF9EF

 FFFFEF

Harmonies

Analogous

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



67CBDC



7BC6EF



A1BEF4

Triad

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



7BC6EF



F4A8B9



ADC58F

Complementary

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



7BC6EF



EFA47B

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.



CCBD85



7BC6EF



F3AC9E

Square

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



7BC6EF



E5ACD4



E4B38B



8DCAA5

Rectangle

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



7BC6EF



BCB7EF



E4B38B



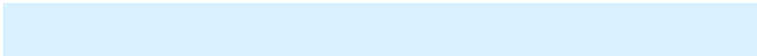
B8C38A

Sweetspot

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



7BC6EF



D9F1FF



7BEFA4



697780



000000



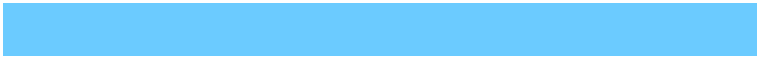
808080

Same Dimension

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



7BC6EF



6BCBFF



7B8CEF



6C7478



0077B8



002438

Inverse Universe

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



EF7BC6



FF6BCB



EFDE7B



786C74



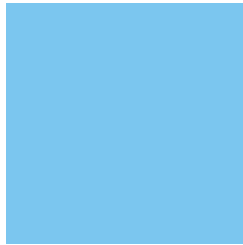
B80077



380024

Previews

White Background



This preview shows how the Hex color 7BC6EF looks on a white background.

Color Contrast Check

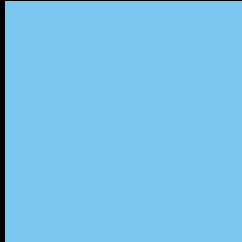
Large Text (above 18pt) WCAG AA × Fail

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 7BC6EF 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

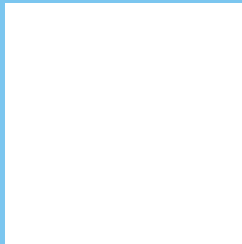
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7BC6EF Background



This preview shows how black text looks on a background with the Hex color 7BC6EF.



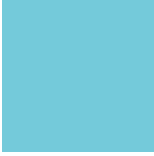
This preview shows how white text looks on a background with the Hex color 7BC6EF.

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





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BC6EF 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 #7BC6EF looks like.

```
.text, #text, p{  
    color:#7BC6EF  
}
```

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 #7BC6EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BC6EF
}
```

Border

The CSS property to change the border of an element to Hex 7BC6EF 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
#7BC6EF }
```

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

```
.border{ border-color:#7BC6EF }
```

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

Here you see how a box with a 4 pixel #7BC6EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BC6EF; -webkit-box-shadow:4px 4px  
4px 4px #7BC6EF; box-shadow:4px 4px 4px  
4px #7BC6EF }
```

Background

The CSS property to change the background color of an element to Hex 7BC6EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BC6EF }
```

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

```
.background{ background-color:#7BC6EF }
```

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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