

Converting Colors

Hex(7BC0E7)

Have a look what the booklet for
Hex(7BC0E7) contains.

Hex(7BC0E7)	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(7BC0E7)

Conversions

Conversions Part 1

Format	Color
Hex	7BC0E7
RGB	123, 192, 231
RGB Percent	48%, 75%, 91%
CMY	0.5176, 0.2471, 0.0941
CMYK	0.47, 0.17, 0.00, 0.09
HSL	202°, 69%, 69%
HSV	202°, 47%, 91%
XYZ	41.4418, 47.6797, 82.6202
YIQ	175.8150, -53.6430, -2.4990

Conversions

Conversions Part 2

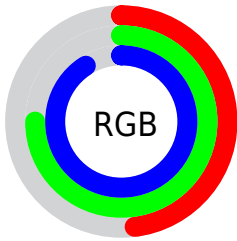
Format	Color
R _Y B	123, 165, 231
Decimal	8110311
CIE Lab	74.62, -11.47, -26.17
CIE LCh	75, 28.577, 246.335
Yxy	47.6797, 0.2413, 0.2776
Android (android.graphics.Color)	4286300391 (0xFF7BC0E7)
YUV	175.8150, 27.2062, -46.3188
Hunter-Lab	69.0505, -13.7087, -22.6062

Details

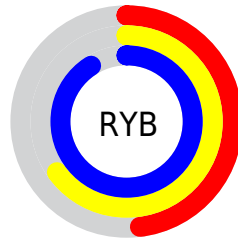
The Hex color **7BC0E7** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E7A27B**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **B4F8FF**, and **418BAF** is the 20% darker color. If you saturate the color by 10%, you get **64B8E7**, and if you desaturate by 10%, it is **92C8E7**.

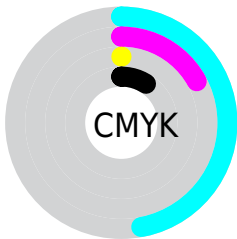
Distribution



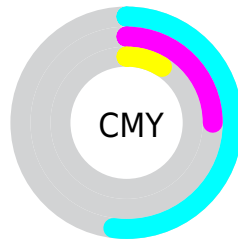
- Red (48%)
- Green (75%)
- Blue (91%)



- Red (48%)
- Yellow (65%)
- Blue (91%)



- Cyan (47%)
- Magenta (17%)
- Yellow (0%)
- Black (9%)



- Cyan (52%)
- Magenta (25%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BC0E7 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 7BC0E7 by changing the saturation by 10% instead.

 7BC0E7

 7BC0E7

FFFFFF

 5EA5CB

 B4F8FF

 418BAF

 D1FFFF

 1E7195

 EFFFFFF

 00597B

 004162

 002B4A

 001833

 00021E

 000000

■ 7BC0E7

■ 7BC0E7

■ 64B8E7

■ 92C8E7

■ 4DAFE7

■ A9D1E7

■ 36A7E7

■ C0D9E7

■ 1F9FE7

■ D7E1E7

■ 0896E7

■ EFEAE7

■ 0094E7

■ FFF2E7

■ FFFAE7

■ FFFFE7

Harmonies

Analogous

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



68C5D6



7BC0E7



9EB8EB

Triad

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



7BC0E7



ECA4B3



A8BF8D

Complementary

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



7BC0E7



E7A27B

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.



C5B883



7BC0E7



EBA79A

Square

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



7BC0E7



DEA7CD



DDAF88



8AC4A2

Rectangle

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



7BC0E7



B7B2E7



DDAF88



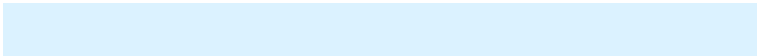
B2BD88

Sweetspot

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



7BC0E7



DBF2FF



7BE7A1



6A7880



000000



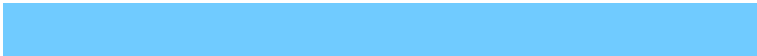
808080

Same Dimension

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



7BC0E7



70CBFF



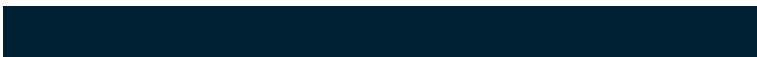
7B8BE7



676F73



0072B3



002133

Inverse Universe

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



E77BC0



FF70CB



E7D77B



73676F



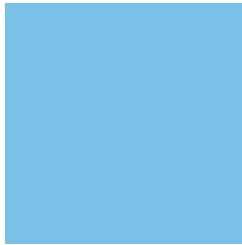
B30072



330021

Previews

White Background



This preview shows how the Hex color 7BC0E7 looks on a white background.

Color Contrast Check

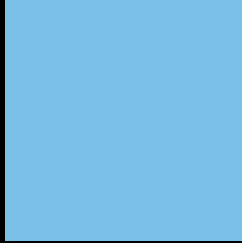
Large Text (above 18pt) WCAG AA × Fail

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 7BC0E7 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 7BC0E7 Background



This preview shows how black text looks on a background with the Hex color 7BC0E7.



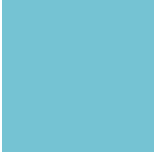
This preview shows how white text looks on a background with the Hex color 7BC0E7.

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



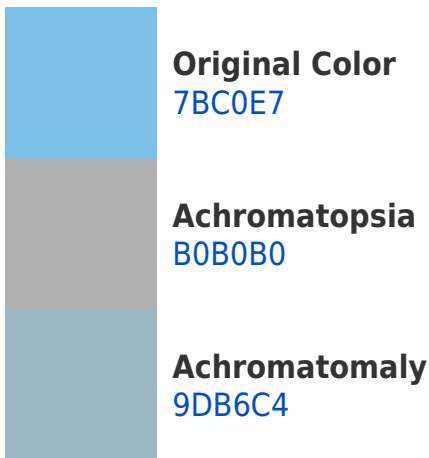


Tritanopia
75C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BC0E7 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 #7BC0E7 looks like.

```
.text, #text, p{
  color:#7BC0E7
}
```

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 #7BC0E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BC0E7
}
```

Border

The CSS property to change the border of an element to Hex 7BC0E7 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
#7BC0E7 }
```

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

```
.border{ border-color:#7BC0E7 }
```

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

Here you see how a box with a 4 pixel #7BC0E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BC0E7; -webkit-box-shadow:4px 4px  
4px 4px #7BC0E7; box-shadow:4px 4px 4px  
4px #7BC0E7 }
```

Background

The CSS property to change the background color of an element to Hex 7BC0E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BC0E7 }
```

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

```
.background{ background-color:#7BC0E7 }
```

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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