

Converting Colors

Hex(7AC1E0)

Have a look what the booklet for
Hex(7AC1E0) contains.

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Color

Hex(7AC1E0)

Conversions

Conversions Part 1

Format	Color
Hex	7AC1E0
RGB	122, 193, 224
RGB Percent	48%, 76%, 88%
CMY	0.5216, 0.2431, 0.1216
CMYK	0.46, 0.14, 0.00, 0.12
HSL	198°, 62%, 68%
HSV	198°, 46%, 88%
XYZ	40.5505, 47.6593, 77.5829
YIQ	175.3050, -52.2670, -5.4110

Conversions

Conversions Part 2

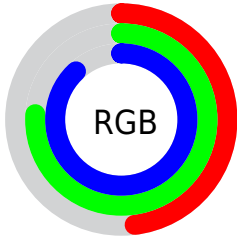
Format	Color
R _Y B	122, 164, 224
Decimal	8045024
CIE Lab	74.61, -14.15, -22.41
CIE LCh	75, 26.506, 237.727
Yxy	47.6593, 0.2446, 0.2875
Android (android.graphics.Color)	4286235104 (0xFF7AC1E0)
YUV	175.3050, 24.0066, -46.7485
Hunter-Lab	69.0357, -15.9643, -18.3056

Details

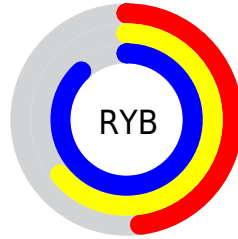
The Hex color **7AC1E0** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E0997A**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **B3F9FF**, and **418BA9** is the 20% darker color. If you saturate the color by 10%, you get **64BAE0**, and if you desaturate by 10%, it is **90C8E0**.

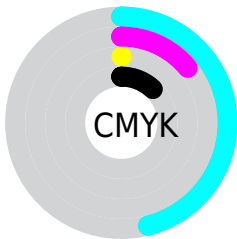
Distribution



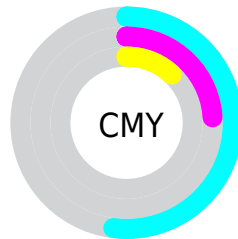
- Red (48%)
- Green (76%)
- Blue (88%)



- Red (48%)
- Yellow (64%)
- Blue (88%)



- Cyan (46%)
- Magenta (14%)
- Yellow (0%)
- Black (12%)



- Cyan (52%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AC1E0 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 7AC1E0 by changing the saturation by 10% instead.

 7AC1E0

 7AC1E0

FFFFFF

 5EA6C4

 B3F9FF

 418BA9

 D0FFFF

 1F728E

 EDFFFF

 005975

 00425C

 002C44

 00182E

 000119

 000000

 7AC1E0

 7AC1E0

 64BAE0

 90C8E0

 4DB3E0

 A7CFE0

 37ADE0

 BDD5E0

 20A6E0

 D4DCE0

 0A9FE0

 EAE3E0

 009CE0

 FFEAE0

 FFF1E0

 FFF7E0

 FFFEE0

Harmonies

Analogous

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



70C5CD



7AC1E0



97BAE8

Triad

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



7AC1E0



E6A6BA



B1BD8C

Complementary

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



7AC1E0



E0997A

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.



CBB587



7AC1E0



E9A7A2

Square

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



7AC1E0



D5AAD2



DFAD8F



95C29D

Rectangle

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



7AC1E0



AEB5E6



DFAD8F



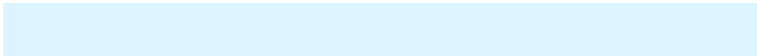
BABB89

Sweetspot

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



7AC1E0



DBF4FF



7AE099



6A7980



000000



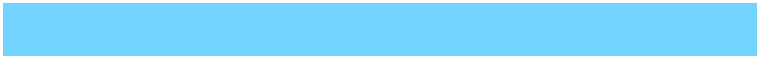
808080

Same Dimension

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



7AC1E0



73D4FF



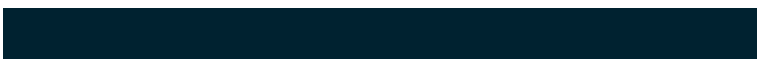
7A8EE0



656D70



007AB0



002230

Inverse Universe

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



E07AC1



FF73D4



E0CC7A



70656D



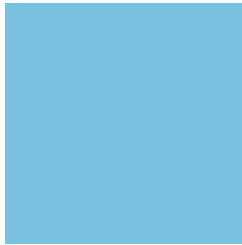
B0007A



300022

Previews

White Background



This preview shows how the Hex color 7AC1E0 looks on a white background.

Color Contrast Check

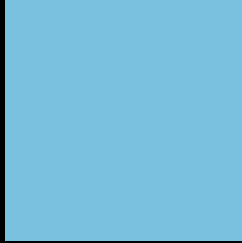
Large Text (above 18pt) WCAG AA × Fail

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 7AC1E0 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 7AC1E0 Background



This preview shows how black text looks on a background with the Hex color 7AC1E0.

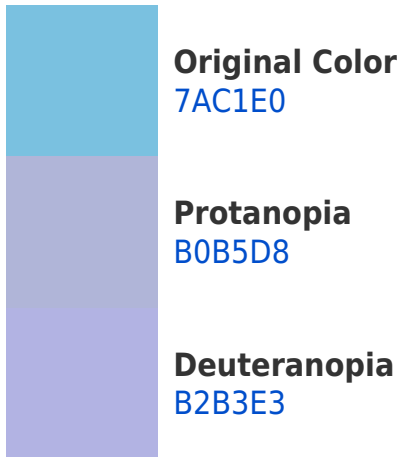


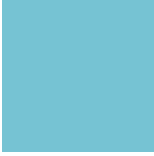
This preview shows how white text looks on a background with the Hex color 7AC1E0.

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



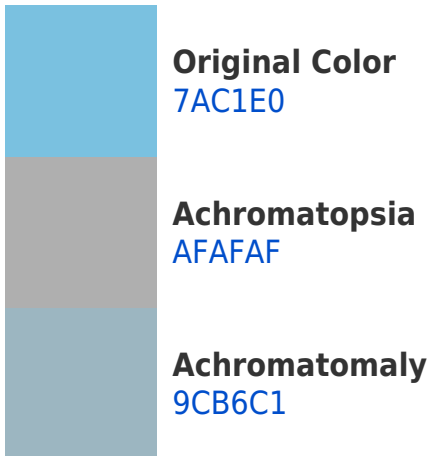


Tritanopia
76C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AC1E0 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 #7AC1E0 looks like.

```
.text, #text, p{  
    color:#7AC1E0  
}
```

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 #7AC1E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AC1E0  
}
```

Border

The CSS property to change the border of an element to Hex 7AC1E0 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  
#7AC1E0 }
```

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

```
.border{ border-color:#7AC1E0 }
```

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

Here you see how a box with a 4 pixel #7AC1E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AC1E0; -webkit-box-shadow:4px 4px  
4px 4px #7AC1E0; box-shadow:4px 4px 4px  
4px #7AC1E0 }
```

Background

The CSS property to change the background color of an element to Hex 7AC1E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AC1E0 }
```

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

```
.background{ background-color:#7AC1E0 }
```

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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