

Converting Colors

Hex(7AC6E1)

Have a look what the booklet for
Hex(7AC6E1) contains.

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Color

Hex(7AC6E1)

Conversions

Conversions Part 1

Format	Color
Hex	7AC6E1
RGB	122, 198, 225
RGB Percent	48%, 78%, 88%
CMY	0.5216, 0.2235, 0.1176
CMYK	0.46, 0.12, 0.00, 0.12
HSL	196°, 63%, 68%
HSV	196°, 46%, 88%
XYZ	41.8107, 49.9620, 78.6741
YIQ	178.3540, -53.9630, -7.7150

Conversions

Conversions Part 2

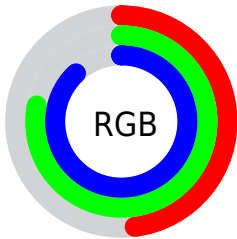
Format	Color
R_{YB}	122, 166, 225
Decimal	8046305
CIE _{Lab}	76.05, -16.48, -20.77
CIE _{LCh}	76, 26.515, 231.560
Yxy	49.9620, 0.2453, 0.2931
Android (android.graphics.Color)	4286236385 (0xFF7AC6E1)
YUV	178.3540, 22.9965, -49.4225
Hunter-Lab	70.6838, -18.1107, -16.5137

Details

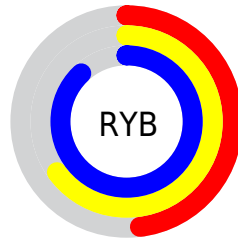
The Hex color **7AC6E1** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E1957A**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B3FFFF**, and **4090AA** is the 20% darker color. If you saturate the color by 10%, you get **64C0E1**, and if you desaturate by 10%, it is **91CCE1**.

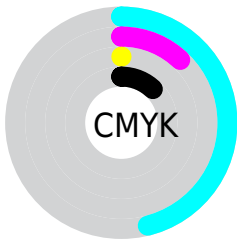
Distribution



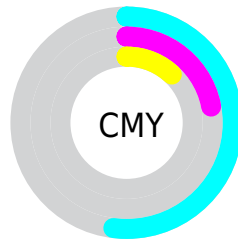
- Red (48%)
- Green (78%)
- Blue (88%)



- Red (48%)
- Yellow (65%)
- Blue (88%)



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



- Cyan (52%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AC6E1 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 7AC6E1 by changing the saturation by 10% instead.

 7AC6E1

 7AC6E1

FFFFFF

 5EABC5

 B3FFFF

 4090AA

 D0FFFF

 1E768F

 EEEFFF

 005E75

 00465D

 002F45

 001C2F

 00011A

 000000

 7AC6E1

 7AC6E1

 64C0E1

 91CCE1

 4DBAE1

 A7D2E1

 37B4E1

 BED8E1

 20AEE1

 D4DEE1

 0AA9E1

 EBE3E1

 00A6E1

 FFE9E1

 FFEFE1

 FFF5E1

 FFFBE1

Harmonies

Analogous

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



75C9CD



7AC6E1



94C0EB

Triad

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



7AC6E1



E8AAC3



BBBF8E

Complementary

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



7AC6E1



E1957A

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.



D4B88B



7AC6E1



EEAAB

Square

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



7AC6E1



D4AFDA



E6B096



9FC69C

Rectangle

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



7AC6E1



ABBAEB



E6B096



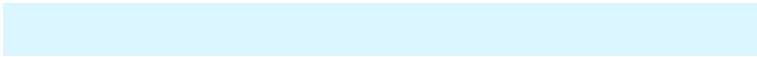
C4BD8B

Sweetspot

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



7AC6E1



DBF6FF



7AE194



6A7A80



000000



808080

Same Dimension

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



7AC6E1



73DAFF



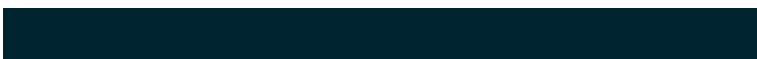
7A94E1



656D70



0082B0



002430

Inverse Universe

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



E17AC6



FF73DA



E1C77A



70656D



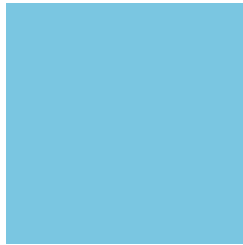
B00082



300024

Previews

White Background



This preview shows how the Hex color 7AC6E1 looks on a white background.

Color Contrast Check

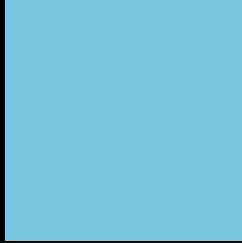
Large Text (above 18pt) WCAG AA × Fail

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 7AC6E1 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 7AC6E1 Background



This preview shows how black text looks on a background with the Hex color 7AC6E1.

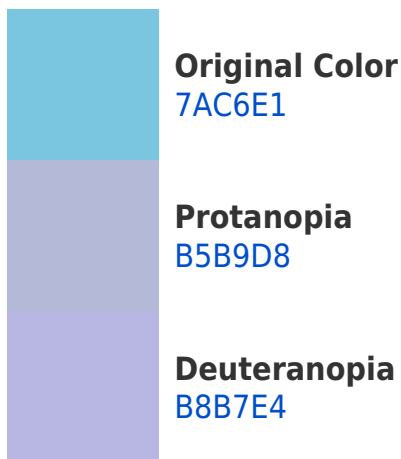


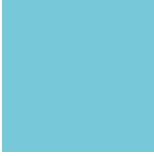
This preview shows how white text looks on a background with the Hex color 7AC6E1.

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](#).

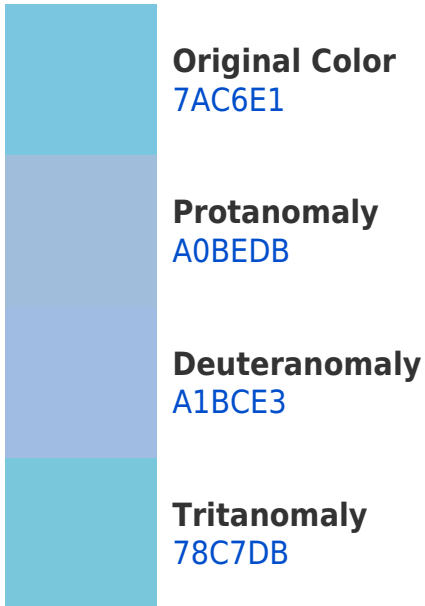
Dichromacy



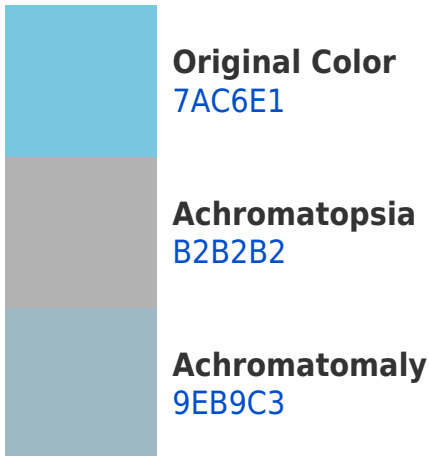


Tritanopia
77C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AC6E1 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 #7AC6E1 looks like.

```
.text, #text, p{  
    color:#7AC6E1  
}
```

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 #7AC6E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AC6E1
}
```

Border

The CSS property to change the border of an element to Hex 7AC6E1 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
#7AC6E1 }
```

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

```
.border{ border-color:#7AC6E1 }
```

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

Here you see how a box with a 4 pixel #7AC6E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AC6E1; -webkit-box-shadow:4px 4px  
4px 4px #7AC6E1; box-shadow:4px 4px 4px  
4px #7AC6E1 }
```

Background

The CSS property to change the background color of an element to Hex 7AC6E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AC6E1 }
```

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

```
.background{ background-color:#7AC6E1 }
```

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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