

Converting Colors

Hex(7AC2EC)

Have a look what the booklet for
Hex(7AC2EC) contains.

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Color

Hex(7AC2EC)

Conversions

Conversions Part 1

Format	Color
Hex	7AC2EC
RGB	122, 194, 236
RGB Percent	48%, 76%, 93%
CMY	0.5216, 0.2392, 0.0745
CMYK	0.48, 0.18, 0.00, 0.07
HSL	202°, 75%, 70%
HSV	202°, 48%, 93%
XYZ	42.4581, 48.7773, 86.5341
YIQ	177.2600, -56.3940, -2.2020

Conversions

Conversions Part 2

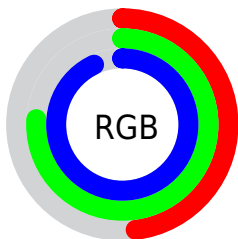
Format	Color
RYB	122, 166, 236
Decimal	8045292
CIELab	75.31, -11.37, -27.82
CIELCh	75, 30.055, 247.769
Yxy	48.7773, 0.2388, 0.2744
Android (android.graphics.Color)	4286235372 (0xFF7AC2EC)
YUV	177.2600, 28.9588, -48.4630
Hunter-Lab	69.8407, -13.7061, -24.5730

Details

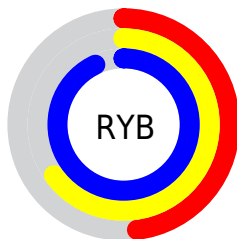
The Hex color **7AC2EC** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **ECA47A**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **B4FAFF**, and **3F8CB4** is the 20% darker color. If you saturate the color by 10%, you get **62B9EC**, and if you desaturate by 10%, it is **92CBEC**.

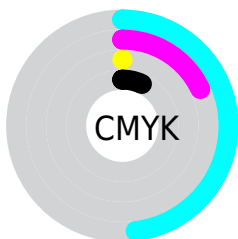
Distribution



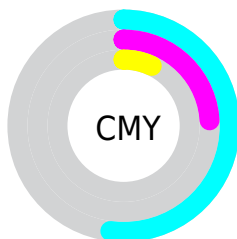
- Red (48%)
- Green (76%)
- Blue (93%)



- Red (48%)
- Yellow (65%)
- Blue (93%)



- Cyan (48%)
- Magenta (18%)
- Yellow (0%)
- Black (7%)



- Cyan (52%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AC2EC 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 7AC2EC by changing the saturation by 10% instead.

 7AC2EC

 7AC2EC

FFFFFF

 5DA7D0

 B4FAFF

 3F8CB4

 D1FFFF

 1A7399

 EFFFFFF

 005A7F

 004366

 002D4E

 001937

 000221

 000006

■ 7AC2EC

■ 7AC2EC

■ 62B9EC

■ 92CBEC

■ 4BB1EC

■ A9D3EC

■ 33A8EC

■ C1DCEC

■ 1C9FEC

■ D8E5EC

■ 0497EC

■ F0EDEC

■ 0095EC

■ FFF6EC

■ FFFFEC

Harmonies

Analogous

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



64C7DA



7AC2EC



A1BAF0

Triad

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



7AC2EC



F0A5B3



A8C28D

Complementary

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



7AC2EC



ECA47A

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.



C6BA82



7AC2EC



EEA999

Square

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



7AC2EC



E3A8CF



DFB187



88C7A4

Rectangle

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



7AC2EC



BBB3EA



DFB187



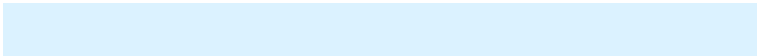
B2C088

Sweetspot

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



7AC2EC



DBF2FF



7AECA4



6A7880



000000



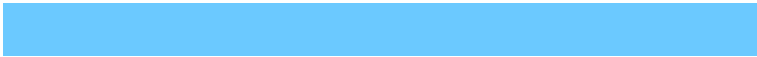
808080

Same Dimension

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



7AC2EC



6BC9FF



7A89EC



6A7175



0072B5



002236

Inverse Universe

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



EC7AC2



FF6BC9



ECDD7A



756A71



B50072



360022

Previews

White Background



This preview shows how the Hex color 7AC2EC looks on a white background.

Color Contrast Check

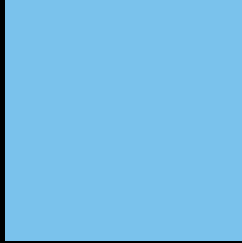
Large Text (above 18pt) WCAG AA × Fail

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 7AC2EC 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

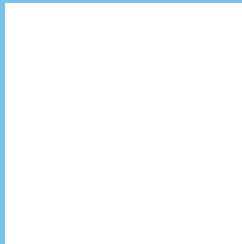
Any Text WCAG AAA ✓ Pass

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

Hex 7AC2EC Background



This preview shows how black text looks on a background with the Hex color 7AC2EC.



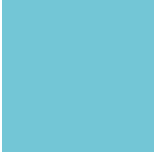
This preview shows how white text looks on a background with the Hex color 7AC2EC.

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](#).

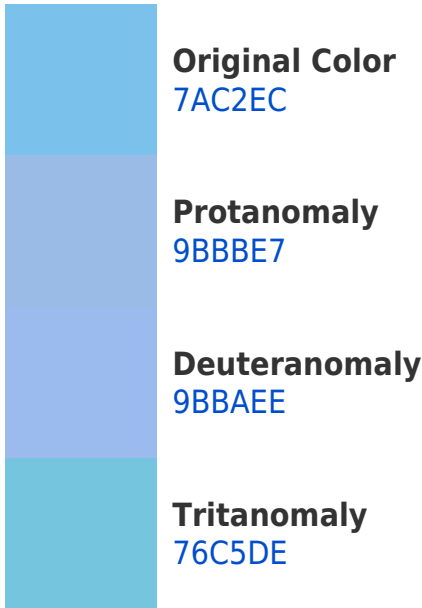
Dichromacy



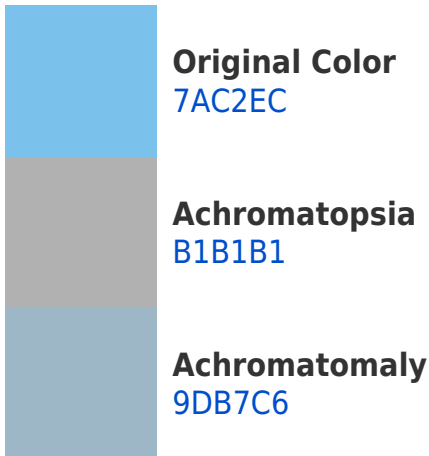


Tritanopia
73C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AC2EC 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 #7AC2EC looks like.

```
.text, #text, p{  
    color:#7AC2EC  
}
```

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 #7AC2EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AC2EC
}
```

Border

The CSS property to change the border of an element to Hex 7AC2EC 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
#7AC2EC }
```

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

```
.border{ border-color:#7AC2EC }
```

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

Here you see how a box with a 4 pixel #7AC2EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AC2EC; -webkit-box-shadow:4px 4px  
4px 4px #7AC2EC; box-shadow:4px 4px 4px  
4px #7AC2EC }
```

Background

The CSS property to change the background color of an element to Hex 7AC2EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AC2EC }
```

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

```
.background{ background-color:#7AC2EC }
```

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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