

Converting Colors

Hex(7AE1CF)

Have a look what the booklet for
Hex(7AE1CF) contains.

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Color

Hex(7AE1CF)

Conversions

Conversions Part 1

Format	Color
Hex	7AE1CF
RGB	122, 225, 207
RGB Percent	48%, 88%, 81%
CMY	0.5216, 0.1176, 0.1882
CMYK	0.46, 0.00, 0.08, 0.12
HSL	170°, 63%, 68%
HSV	170°, 46%, 88%
XYZ	46.2137, 62.4930, 68.6581
YIQ	192.1510, -55.6100, -27.4340

Conversions

Conversions Part 2

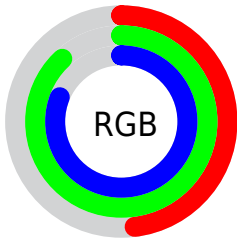
Format	Color
RYB	122, 178, 225
Decimal	8053199
CIELab	83.17, -34.31, -0.51
CIELCh	83, 34.311, 180.856
Yxy	62.4930, 0.2606, 0.3523
Android (android.graphics.Color)	4286243279 (0xFF7AE1CF)
YUV	192.1510, 7.3206, -61.5224
Hunter-Lab	79.0525, -33.9916, 3.8426

Details

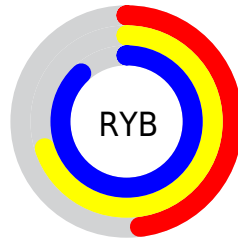
The Hex color **7AE1CF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E17A8C**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **B4FFFF**, and **3FA999** is the 20% darker color. If you saturate the color by 10%, you get **64E1CB**, and if you desaturate by 10%, it is **91E1D3**.

Distribution



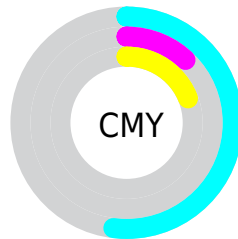
- Red (48%)
- Green (88%)
- Blue (81%)



- Red (48%)
- Yellow (70%)
- Blue (88%)



- Cyan (46%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (52%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AE1CF 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 7AE1CF by changing the saturation by 10% instead.

 7AE1CF

 7AE1CF

FFFFFF

 5DC5B4

 B4FFFF

 3FA999

 D1FFFF

 1A8E7F

 EFFFFF

 007466

 005B4E

 004337

 002C22

 00140C

 000000

 7AE1CF

 7AE1CF

 64E1CB

 91E1D3

 4DE1C7

 A7E1D7

 37E1C3

 BEE1DB

 20E1BF

 D4E1DF

 0AE1BB

 EBE1E3

 00E1BA

 FFE1E7

 FFE1EB

 FFE1EE

 FFE1F2

Harmonies

Analogous

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



9DDEAF



7AE1CF



68E0EF

Triad

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



7AE1CF



D5C7FF



FFC298

Complementary

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



7AE1CF



E17A8C

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.



FFBAB0



7AE1CF



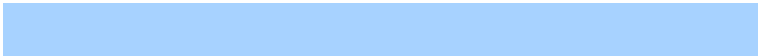
F9BCEF

Square

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



7AE1CF



A7D2FF



FFB7CF



E5CD8F

Rectangle

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



7AE1CF



70DDFF



FFB7CF



FFBF9E

Sweetspot

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



7AE1CF



DBFFF9



8DE17A



6A807C



000000



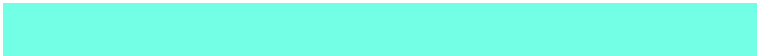
808080

Same Dimension

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



7AE1CF



73FFE6



7AC0E1



65706E



00B091



003028

Inverse Universe

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



E17A8C



FF738B



E19B7A



706567



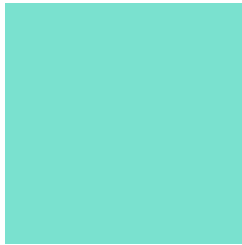
B0001F



300008

Previews

White Background



This preview shows how the Hex color 7AE1CF looks on a white background.

Color Contrast Check

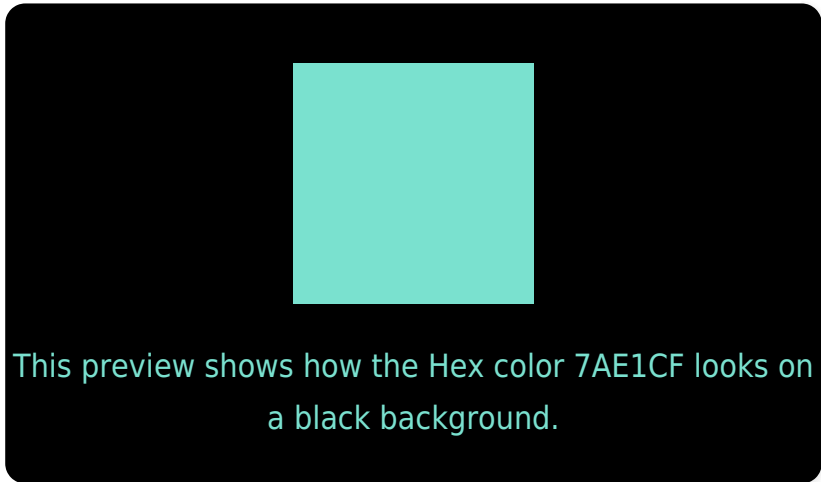
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

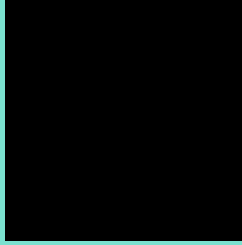
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

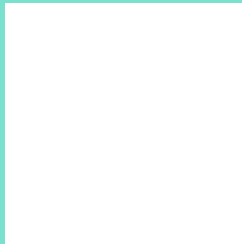
Any Text WCAG AAA ✓ Pass

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

Hex 7AE1CF Background



This preview shows how black text looks on a background with the Hex color 7AE1CF.

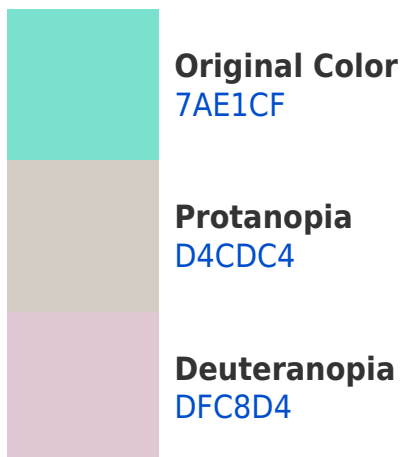


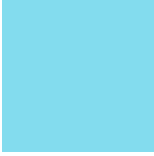
This preview shows how white text looks on a background with the Hex color 7AE1CF.

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](#).

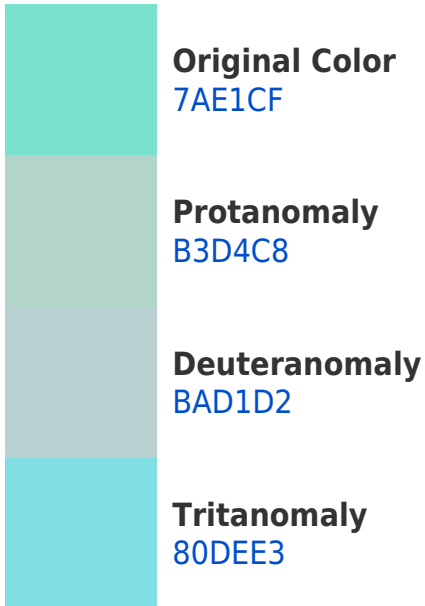
Dichromacy



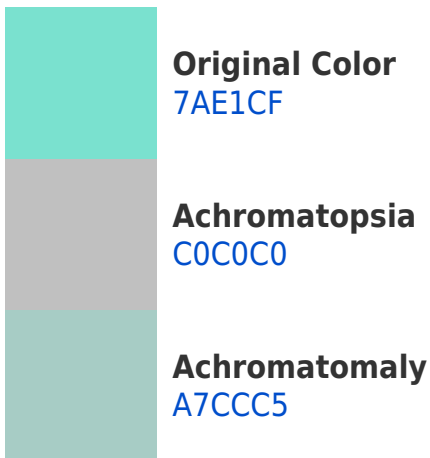


Tritanopia
83DCEE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AE1CF 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 #7AE1CF looks like.

```
.text, #text, p{  
    color:#7AE1CF  
}
```

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 #7AE1CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AE1CF
}
```

Border

The CSS property to change the border of an element to Hex 7AE1CF 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
#7AE1CF }
```

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

```
.border{ border-color:#7AE1CF }
```

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

Here you see how a box with a 4 pixel #7AE1CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AE1CF; -webkit-box-shadow:4px 4px  
4px 4px #7AE1CF; box-shadow:4px 4px 4px  
4px #7AE1CF }
```

Background

The CSS property to change the background color of an element to Hex 7AE1CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AE1CF }
```

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

```
.background{ background-color:#7AE1CF }
```

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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