

Converting Colors

Hex(7AE3E8)

Have a look what the booklet for
Hex(7AE3E8) contains.

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Color

Hex(7AE3E8)

Conversions

Conversions Part 1

Format	Color
Hex	7AE3E8
RGB	122, 227, 232
RGB Percent	48%, 89%, 91%
CMY	0.5216, 0.1098, 0.0902
CMYK	0.47, 0.02, 0.00, 0.09
HSL	183°, 71%, 69%
HSV	183°, 47%, 91%
XYZ	50.0606, 64.9019, 86.2328
YIQ	196.1750, -64.1850, -20.7050

Conversions

Conversions Part 2

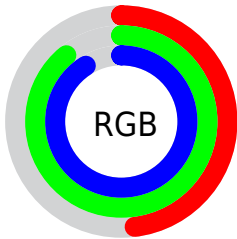
Format	Color
RYB	122, 176, 232
Decimal	8053736
CIELab	84.43, -29.11, -11.88
CIELCh	84, 31.442, 202.200
Yxy	64.9019, 0.2488, 0.3226
Android (android.graphics.Color)	4286243816 (0xFF7AE3E8)
YUV	196.1750, 17.6617, -65.0515
Hunter-Lab	80.5617, -30.0641, -7.0704

Details

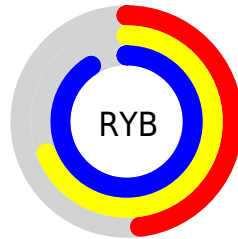
The Hex color **7AE3E8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E87F7A**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **B5FFFF**, and **3CABB0** is the 20% darker color. If you saturate the color by 10%, you get **63E2E8**, and if you desaturate by 10%, it is **91E4E8**.

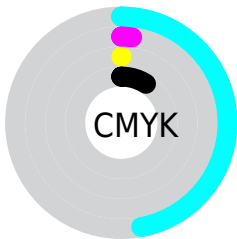
Distribution



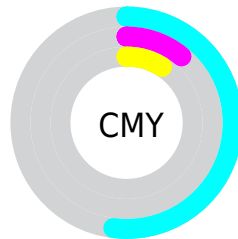
- Red (48%)
- Green (89%)
- Blue (91%)



- Red (48%)
- Yellow (69%)
- Blue (91%)



- Cyan (47%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (52%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AE3E8 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 7AE3E8 by changing the saturation by 10% instead.

 7AE3E8

 7AE3E8

FFFFFF

 5CC7CC

 B5FFFF

 3CABB0

 D2FFFF

 0F9096

 F0FFFF

 00777C

 005D63

 00454B

 002E35


 00191F

 000006

 7AE3E8

 7AE3E8

 63E2E8

 91E4E8

 4CE1E8

 A8E5E8

 34E0E8

 C0E6E8

 1DDFE8

 D7E7E8

 06DEE8

 EEE8E8

 00DDE8

 FFE9E8

 FFEAE8

 FFEBE8

 FFECE8

Harmonies

Analogous

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



8FE3CA



7AE3E8



81DFFF

Triad

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



7AE3E8



F1C4F7



EFCE98

Complementary

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



7AE3E8



E87F7A

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.



FFC4A5



7AE3E8



FFBEDC

Square

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



7AE3E8



CDCEFF



FFBEBE



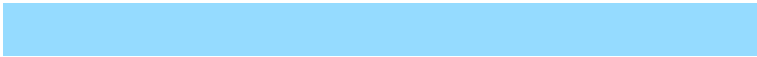
D1D89B

Rectangle

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



7AE3E8



95DBFF



FFBEBE



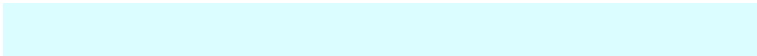
F8CB9B

Sweetspot

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



7AE3E8



DBFDFF



7AE87E



6A7F80



000000



808080

Same Dimension

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



7AE3E8



6EF8FF



7AADE8



677273



00AAB3



003133

Inverse Universe

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



E87AE3



FF6EF8



E8B57A



736772



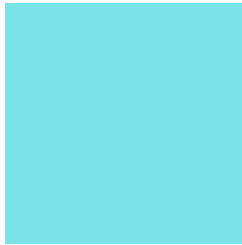
B300AA



330031

Previews

White Background



This preview shows how the Hex color 7AE3E8 looks on a white background.

Color Contrast Check

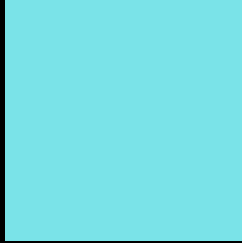
Large Text (above 18pt) WCAG AA × Fail

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 7AE3E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

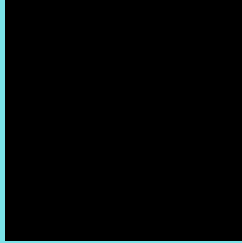
Any Text WCAG AA ✓ Pass

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 7AE3E8 Background



This preview shows how black text looks on a background with the Hex color 7AE3E8.

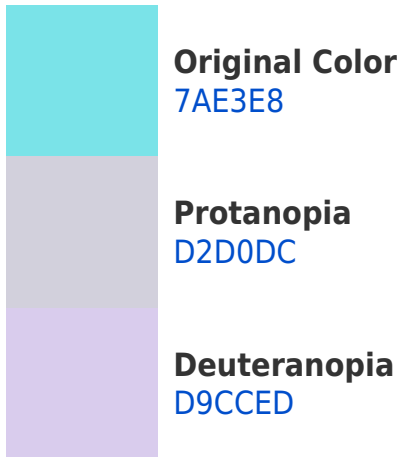


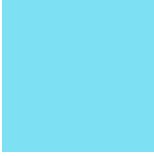
This preview shows how white text looks on a background with the Hex color 7AE3E8.

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
7EE1F3

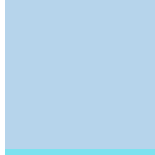
Trichromacy



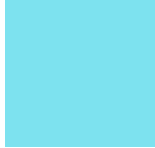
Original Color
7AE3E8



Protanomaly
B2D7E0



Deuteranomaly
B6D4EB

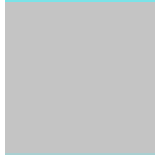


Tritanomaly
7DE2EF

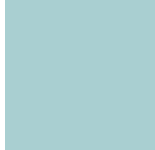
Monochromacy



Original Color
7AE3E8



Achromatopsia
C4C4C4



Achromatomaly
A9CFD1

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AE3E8 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 #7AE3E8 looks like.

```
.text, #text, p{  
    color:#7AE3E8  
}
```

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 #7AE3E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AE3E8  
}
```

Border

The CSS property to change the border of an element to Hex 7AE3E8 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  
#7AE3E8 }
```

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

```
.border{ border-color:#7AE3E8 }
```

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

Here you see how a box with a 4 pixel #7AE3E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AE3E8; -webkit-box-shadow:4px 4px  
4px 4px #7AE3E8; box-shadow:4px 4px 4px  
4px #7AE3E8 }
```

Background

The CSS property to change the background color of an element to Hex 7AE3E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AE3E8 }
```

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

```
.background{ background-color:#7AE3E8 }
```

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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