

# Converting Colors

Hex(7AEEC1)

Have a look what the booklet for  
Hex(7AEEC1) contains.

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# Color

**Hex(7AEEC1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AEEC1
RGB	122, 238, 193
RGB Percent	48%, 93%, 76%
CMY	0.5216, 0.0667, 0.2431
CMYK	0.49, 0.00, 0.19, 0.07
HSL	157°, 77%, 71%
HSV	157°, 49%, 93%
XYZ	48.2262, 69.1369, 61.2550
YIQ	198.1860, -54.6910, -38.5870

# Conversions

## Conversions Part 2

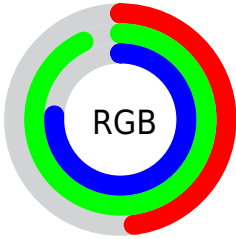
Format	Color
<a href="#">RYB</a>	<a href="#">122, 194, 238</a>
Decimal	<a href="#">8056513</a>
CIELab	<a href="#">86.57, -43.32, 11.74</a>
CIELCh	<a href="#">87, 44.887, 164.833</a>
Yxy	<a href="#">69.1369, 0.2700, 0.3871</a>
Android (android.graphics.Color)	<a href="#">4286246593 (0xFF7AEEC1)</a>
YUV	<a href="#">198.1860, -2.5567, -66.8151</a>
Hunter-Lab	<a href="#">83.1486, -41.9800, 14.5255</a>

# Details

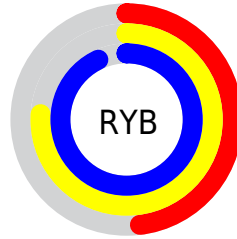
The Hex color **7AEEC1** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EE7AA7**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **B4FFF9**, and **3DB58B** is the 20% darker color. If you saturate the color by 10%, you get **62EEB8**, and if you desaturate by 10%, it is **92EECA**.

# Distribution



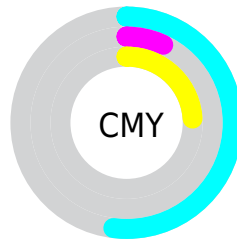
- Red (48%)
- Green (93%)
- Blue (76%)



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



- Cyan (49%)
- Magenta (0%)
- Yellow (19%)
- Black (7%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AEEC1 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 7AEEC1 by changing the saturation by 10% instead.



 7AEEC1

FFFFFF

 B4FFF9

 D2FFFF

 F0FFFF

 7AEEC1

 5CD1A6

 3DB58B

 149A72

 007F59

 006642

 004D2C

 003517

 001F00

 000000

 7AEEC1

 7AEEC1

 62EEB8

 92EECA

 4AEEAF

 AAEEED3

 33EEA5

 C1EEDD

 1BEE9C

 D9EEE6

 03EE93

 F1EEEF

 00EE92

 FFEEF8

 FFEEFF

# Harmonies

## Analogous

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



B0E89B



7AEEC1



3CF0ED

# Triad

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



7AEEC1



BED6FF



FFC09F

# Complementary

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



7AEEC1



EE7AA7

# 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.



FFB8C5



7AEEC1



F8C6FF

# Square

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



7AEEC1



75E3FF



FFBAF0



FFCF87

# Rectangle

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



7AEEC1



20EEFF



FFBAF0



FFBDAA

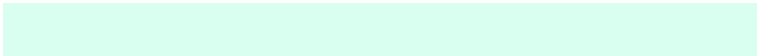


# Sweetspot

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



7AEEC1



D9FFF0



A8EE7A



698077



000000



808080



# Same Dimension

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



7AEEC1



6BFFC6



7AE2EE



6C7873



00B870



003822



# Inverse Universe

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



EE7AA7



FF6BA4



EE867A



786C71



B80047

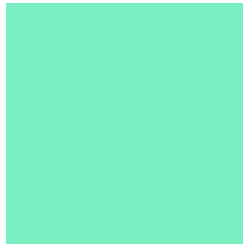


380016



# Previews

## White Background



This preview shows how the Hex color 7AEEC1 looks on a white background.

## Color Contrast Check

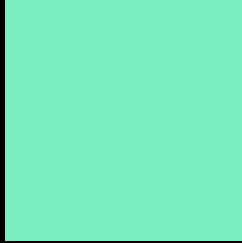
Large Text (above 18pt) WCAG AA × Fail

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 7AEEC1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

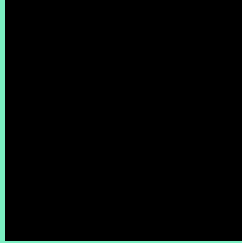
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7AEEC1 Background



This preview shows how black text looks on a background with the Hex color 7AEEC1.

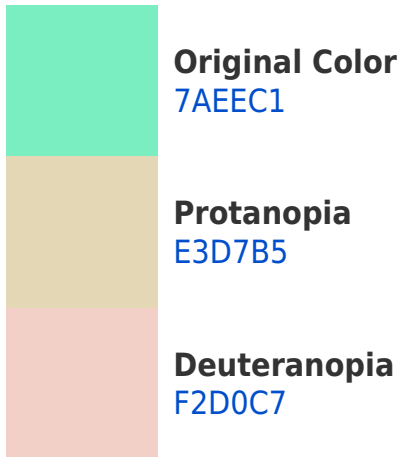


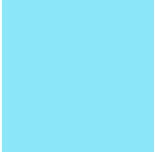
This preview shows how white text looks on a background with the Hex color 7AEEC1.

# 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](#).

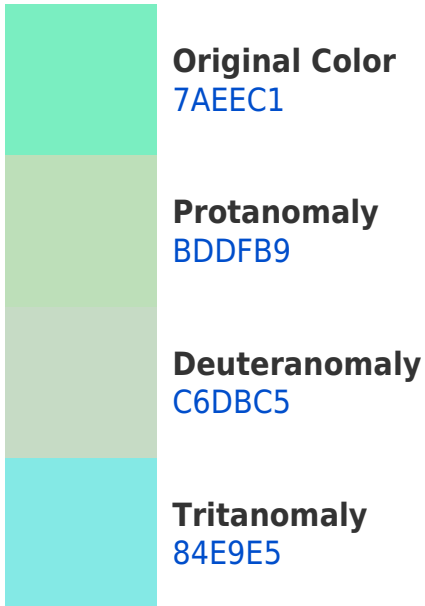
## Dichromacy



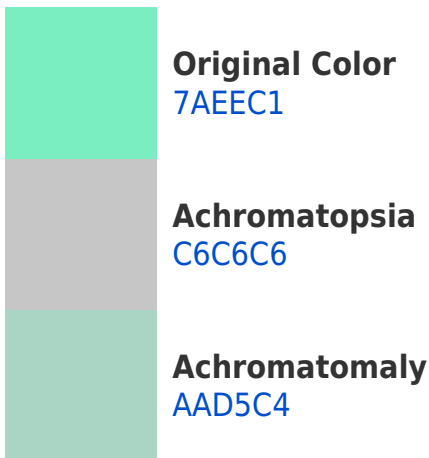


**Tritanopia**  
8AE6F9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AEEC1 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 #7AEEC1 looks like.

```
.text, #text, p{  
    color:#7AEEC1  
}
```

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 #7AEEC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AEEC1  
}
```

## Border

The CSS property to change the border of an element to Hex 7AEEC1 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  
#7AEEC1 }
```

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

```
.border{ border-color:#7AEEC1 }
```

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

Here you see how a box with a 4 pixel #7AEEC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AEEC1; -webkit-box-shadow:4px 4px  
4px 4px #7AEEC1; box-shadow:4px 4px 4px  
4px #7AEEC1 }
```

# Background

The CSS property to change the background color of an element to Hex 7AEEC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AEEC1 }
```

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

```
.background{ background-color:#7AEEC1 }
```

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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