

# Converting Colors

Hex(7AE1D2)

Have a look what the booklet for  
Hex(7AE1D2) contains.

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**Color**

**Hex(7AE1D2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AE1D2
RGB	122, 225, 210
RGB Percent	48%, 88%, 82%
CMY	0.5216, 0.1176, 0.1765
CMYK	0.46, 0.00, 0.07, 0.12
HSL	171°, 63%, 68%
HSV	171°, 46%, 88%
XYZ	46.5841, 62.6411, 70.6085
YIQ	192.4930, -56.5730, -26.5010

# Conversions

## Conversions Part 2

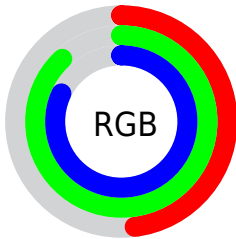
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 178, 225
Decimal	8053202
CIELab	83.25, -33.60, -1.99
CIELCh	83, 33.656, 183.384
Yxy	62.6411, 0.2590, 0.3483
Android (android.graphics.Color)	4286243282 (0xFF7AE1D2)
YUV	192.4930, 8.6310, -61.8224
Hunter-Lab	79.1462, -33.4437, 2.5081

# Details

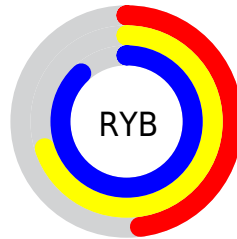
The Hex color **7AE1D2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E17A89**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **B4FFFF**, and **3FA99C** is the 20% darker color. If you saturate the color by 10%, you get **64E1CF**, and if you desaturate by 10%, it is **91E1D5**.

# Distribution



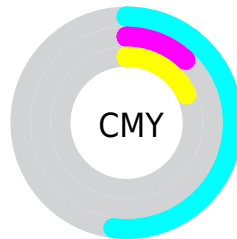
- Red (48%)
- Green (88%)
- Blue (82%)



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



- Cyan (46%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)



- Cyan (52%)
- Magenta (12%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AE1D2 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 7AE1D2 by changing the saturation by 10% instead.



 7AE1D2

 7AE1D2

FFFFFF

 5DC5B6

 B4FFFF

 3FA99C

 D1FFFF

 198E82

 EFFFFFF

 007469

 005B50

 00433A

 002C24

 00140F

 000000

 7AE1D2

 7AE1D2

 64E1CF

 91E1D5

 4DE1CB

 A7E1D9

 37E1C8

 BEE1DC

 20E1C5

 D4E1DF

 0AE1C2

 EBE1E2

 00E1C0

 FFE1E6

 FFE1E9

 FFE1EC

 FFE1EF

# Harmonies

## Analogous

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



9BDEB2



7AE1D2



6BE0F1

# Triad

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



7AE1D2



D9C6FF



FEC498

# Complementary

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



7AE1D2



E17A89

# 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.



FFBBAE



7AE1D2



FBBCEC

# Square

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



7AE1D2



ACD1FF



FFB8CD



E2CF90

# Rectangle

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



7AE1D2



76DDFF



FFB8CD



FFC09E

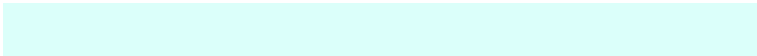


# Sweetspot

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



7AE1D2



DBFFFA



89E17A



6A807C



000000



808080



# Same Dimension

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



7AE1D2



73FFEB



7ABDE1



65706F



00B096



003029



# Inverse Universe

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



E17A89



FF7387



E19E7A



706567



B0001A

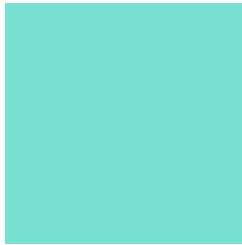


300007



# Previews

## White Background



This preview shows how the Hex color 7AE1D2 looks on a white background.

## Color Contrast Check

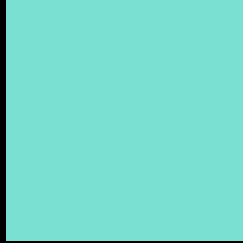
Large Text (above 18pt) WCAG AA × Fail

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 7AE1D2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

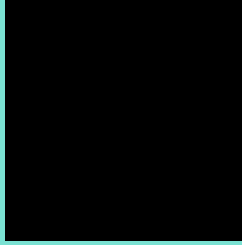
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

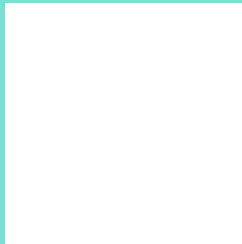
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7AE1D2 Background



This preview shows how black text looks on a background with the Hex color 7AE1D2.

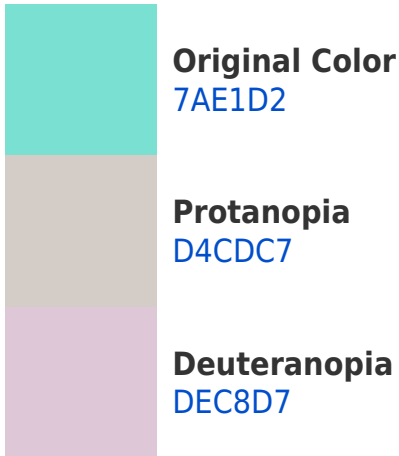


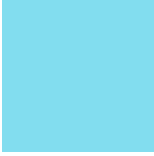
This preview shows how white text looks on a background with the Hex color 7AE1D2.

# 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](#).

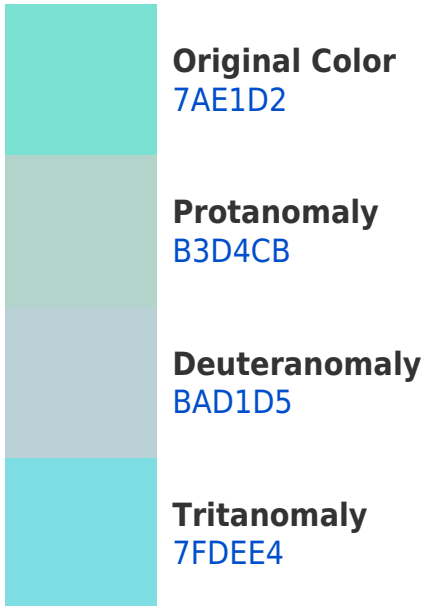
## Dichromacy



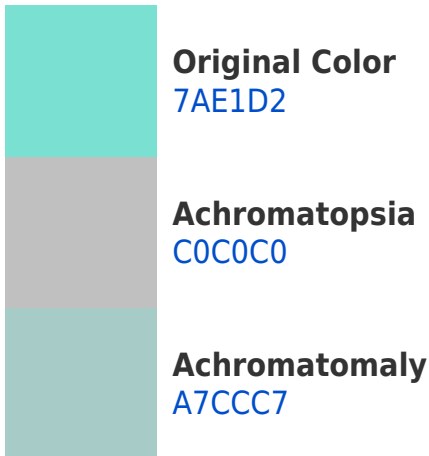


**Tritanopia**  
82DDEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AE1D2 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 #7AE1D2 looks like.

```
.text, #text, p{  
    color:#7AE1D2  
}
```

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 #7AE1D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AE1D2
}
```

## Border

The CSS property to change the border of an element to Hex 7AE1D2 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
#7AE1D2 }
```

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

```
.border{ border-color:#7AE1D2 }
```

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

Here you see how a box with a 4 pixel #7AE1D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AE1D2; -webkit-box-shadow:4px 4px  
4px 4px #7AE1D2; box-shadow:4px 4px 4px  
4px #7AE1D2 }
```

# Background

The CSS property to change the background color of an element to Hex 7AE1D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AE1D2 }
```

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

```
.background{ background-color:#7AE1D2 }
```

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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