

# Converting Colors

Hex(7EC8D3)

Have a look what the booklet for  
Hex(7EC8D3) contains.

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# Color

**Hex(7EC8D3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EC8D3
RGB	126, 200, 211
RGB Percent	49%, 78%, 83%
CMY	0.5059, 0.2157, 0.1725
CMYK	0.40, 0.05, 0.00, 0.17
HSL	188°, 49%, 66%
HSV	188°, 40%, 83%
XYZ	41.0163, 50.4473, 69.2035
YIQ	179.1280, -47.6350, -12.2670

# Conversions

## Conversions Part 2

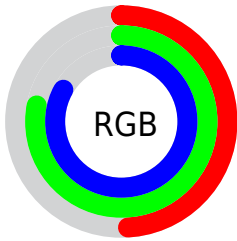
Format	Color
<a href="#">RYB</a>	<a href="#">126, 166, 211</a>
Decimal	<a href="#">8308947</a>
CIELab	<a href="#">76.34, -20.19, -12.74</a>
CIElCh	<a href="#">76, 23.875, 212.263</a>
Yxy	<a href="#">50.4473, 0.2553, 0.3140</a>
Android (android.graphics.Color)	<a href="#">4286499027 (0xFF7EC8D3)</a>
YUV	<a href="#">179.1280, 15.7129, -46.5933</a>
Hunter-Lab	<a href="#">71.0263, -21.2156, -8.0500</a>

# Details

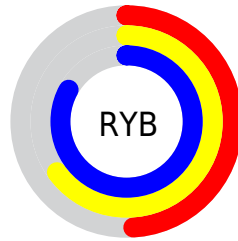
The Hex color **7EC8D3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D3897E**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **B6FFFF**, and **46929C** is the 20% darker color. If you saturate the color by 10%, you get **69C5D3**, and if you desaturate by 10%, it is **93CBD3**.

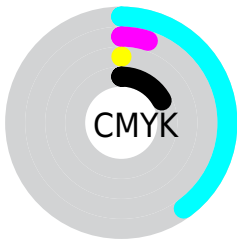
# Distribution



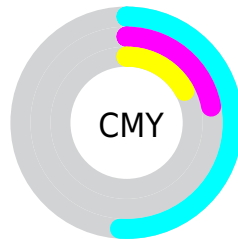
- Red (49%)
- Green (78%)
- Blue (83%)



- Red (49%)
- Yellow (65%)
- Blue (83%)



- Cyan (40%)
- Magenta (5%)
- Yellow (0%)
- Black (17%)



- Cyan (51%)
- Magenta (22%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EC8D3 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 7EC8D3 by changing the saturation by 10% instead.



 7EC8D3

 7EC8D3

FFFFFF

 62ADB7

 B6FFFF

 46929C

 D3FFFF

 287882

 F0FFFF

 005F69

 004751

 00303A

 001D24

 00010F

 000000

 7EC8D3

 7EC8D3

 69C5D3

 93CBD3

 54C3D3

 A8CDD3

 3FC0D3

 BDD0D3

 2ABDD3

 D2D3D3

 15BAD3

 E7D6D3

 00B8D3

 FDD8D3

 FFDBD3

 FFDED3

 FFE1D3

# Harmonies

## Analogous

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



86C9BD



7EC8D3



8AC4E3

# Triad

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



7EC8D3



DAB0D1



CBBB90

# Complementary

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



7EC8D3



D3897E

# 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.



DEB496



7EC8D3



E8ADBB

# Square

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



7EC8D3



C2B6E2



E9AEA6



B3C297

# Rectangle

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



7EC8D3



9BC0E7



E9AEA6



D2B991

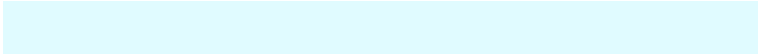


# Sweetspot

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



7EC8D3



E0FBFF



7ED388



6E7D80



000000



808080

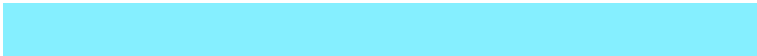


# Same Dimension

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



7EC8D3



85EFFF



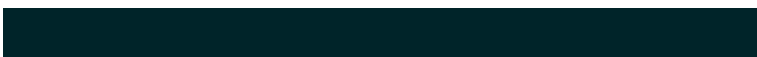
7E9FD3



5E6769



0093A8



002429



# Inverse Universe

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



D37EC8



FF85EF



D3B27E



695E67



A80093

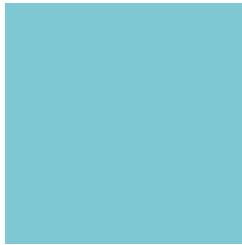


290024



# Previews

## White Background



This preview shows how the Hex color 7EC8D3 looks on a white background.

## Color Contrast Check

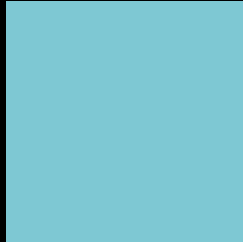
Large Text (above 18pt) WCAG AA × Fail

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 7EC8D3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

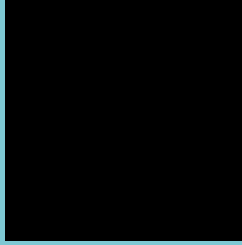
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7EC8D3 Background



This preview shows how black text looks on a background with the Hex color 7EC8D3.

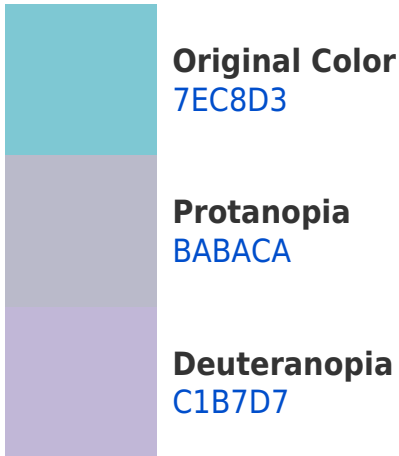


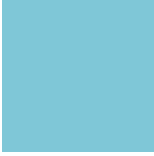
This preview shows how white text looks on a background with the Hex color 7EC8D3.

# 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**  
7FC7D7

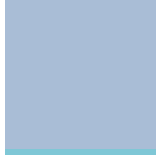
# Trichromacy



**Original Color**  
7EC8D3



**Protanomaly**  
A4BFCD



**Deuteranomaly**  
A9BDD6

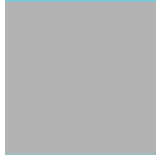


**Tritanomaly**  
7FC7D6

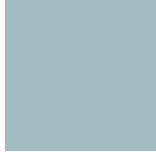
# Monochromacy



**Original Color**  
7EC8D3



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
A0BBBF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EC8D3 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 #7EC8D3 looks like.

```
.text, #text, p{  
    color:#7EC8D3  
}
```

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 #7EC8D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EC8D3
}
```

## Border

The CSS property to change the border of an element to Hex 7EC8D3 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
#7EC8D3 }
```

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

```
.border{ border-color:#7EC8D3 }
```

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

Here you see how a box with a 4 pixel #7EC8D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EC8D3; -webkit-box-shadow:4px 4px  
4px 4px #7EC8D3; box-shadow:4px 4px 4px  
4px #7EC8D3 }
```

# Background

The CSS property to change the background color of an element to Hex 7EC8D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EC8D3 }
```

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

```
.background{ background-color:#7EC8D3 }
```

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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