

Converting Colors

Hex(78E7E0)

Have a look what the booklet for
Hex(78E7E0) contains.

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Color

Hex(78E7E0)

Conversions

Conversions Part 1

Format	Color
Hex	78E7E0
RGB	120, 231, 224
RGB Percent	47%, 91%, 88%
CMY	0.5294, 0.0941, 0.1216
CMYK	0.48, 0.00, 0.03, 0.09
HSL	176°, 70%, 69%
HSV	176°, 48%, 91%
XYZ	49.7762, 66.5267, 80.7385
YIQ	197.0130, -63.9090, -25.7090

Conversions

Conversions Part 2

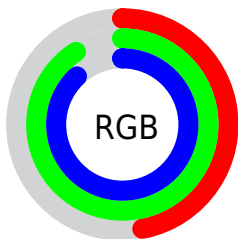
Format	Color
RYB	120, 177, 231
Decimal	7923680
CIELab	85.26, -33.46, -6.43
CIELCh	85, 34.073, 190.879
Yxy	66.5267, 0.2526, 0.3376
Android (android.graphics.Color)	4286113760 (0xFF78E7E0)
YUV	197.0130, 13.3046, -67.5404
Hunter-Lab	81.5639, -33.8033, -1.5952

Details

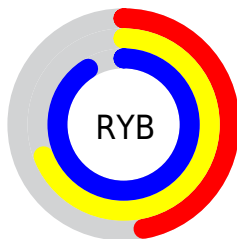
The Hex color **78E7E0** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E7787F**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **B3FFFF**, and **39AFA9** is the 20% darker color. If you saturate the color by 10%, you get **61E7DF**, and if you desaturate by 10%, it is **8FE7E1**.

Distribution



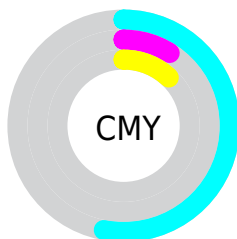
- Red (47%)
- Green (91%)
- Blue (88%)



- Red (47%)
- Yellow (69%)
- Blue (91%)



- Cyan (48%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (53%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78E7E0 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 78E7E0 by changing the saturation by 10% instead.

 78E7E0

 78E7E0

FFFFFF

 5ACBC4

 B3FFFF

 39AFA9

 D0FFFF

 07948E

 EEEFFF

 007A75

 00605C

 004845

 00312F

 001C1A

 000000

 78E7E0

 78E7E0

 61E7DF

 8FE7E1

 4AE7DD

 A6E7E3

 33E7DC

 BDE7E4

 1CE7DA

 D4E7E6

 05E7D9

 EBE7E7

 00E7D8

 FFE7E9

 FFE7EA

 FFE7EC

 FFE7ED

Harmonies

Analogous

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



97E5BF



78E7E0



71E5FE

Triad

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



78E7E0



E9C9FF



FECC99

Complementary

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



78E7E0



E7787F

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.



FFC2AC



78E7E0



FFC0EB

Square

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



78E7E0



BDD4FF



FFBDCA



E0D795

Rectangle

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



78E7E0



82E1FF



FFBDCA



FFC89E

Sweetspot

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



78E7E0



DBFFFD



7FE778



6A807E



000000



808080

Same Dimension

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



78E7E0



6BFFF6



78B7E7



677372



00B3A7



003330

Inverse Universe

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



E7787F



FF6B74



E7A878



736768



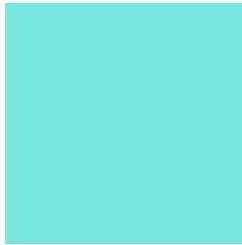
B3000B



330003

Previews

White Background



This preview shows how the Hex color 78E7E0 looks on a white background.

Color Contrast Check

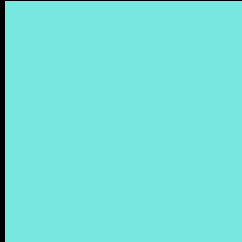
Large Text (above 18pt) WCAG AA × Fail

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 78E7E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

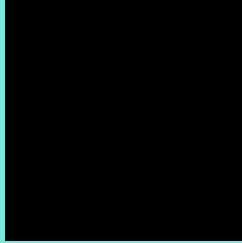
Any Text WCAG AA ✓ Pass

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 78E7E0 Background



This preview shows how black text looks on a background with the Hex color 78E7E0.

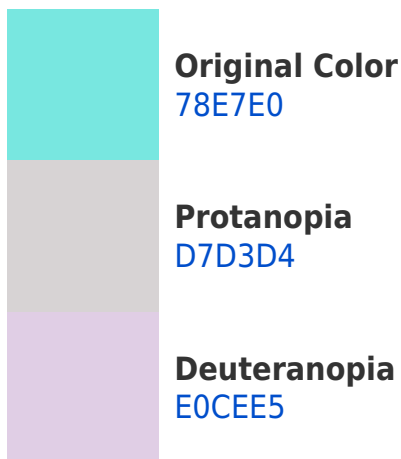


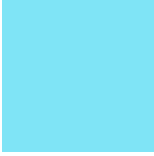
This preview shows how white text looks on a background with the Hex color 78E7E0.

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
7FE4F6

Trichromacy



Original Color
78E7E0



Protanomaly
B4DAD8



Deuteranomaly
BAD7E3

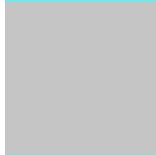


Tritanomaly
7CE5EE

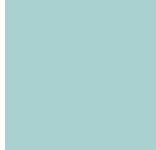
Monochromacy



Original Color
78E7E0



Achromatopsia
C5C5C5



Achromatomaly
A9D1CF

CSS Examples

Text

The CSS property to change the color of the text to Hex 78E7E0 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 #78E7E0 looks like.

```
.text, #text, p{  
    color:#78E7E0  
}
```

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 #78E7E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78E7E0
}
```

Border

The CSS property to change the border of an element to Hex 78E7E0 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
#78E7E0 }
```

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

```
.border{ border-color:#78E7E0 }
```

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

Here you see how a box with a 4 pixel #78E7E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78E7E0; -webkit-box-shadow:4px 4px  
4px 4px #78E7E0; box-shadow:4px 4px 4px  
4px #78E7E0 }
```

Background

The CSS property to change the background color of an element to Hex 78E7E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78E7E0 }
```

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

```
.background{ background-color:#78E7E0 }
```

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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