

Converting Colors

Hex(78E0EB)

Have a look what the booklet for
Hex(78E0EB) contains.

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Color

Hex(78E0EB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 78E0EB |
| RGB | 120, 224, 235 |
| RGB Percent | 47%, 88%, 92% |
| CMY | 0.5294, 0.1216, 0.0784 |
| CMYK | 0.49, 0.05, 0.00, 0.08 |
| HSL | 186°, 74%, 70% |
| HSV | 186°, 49%, 92% |
| XYZ | 49.3968, 63.3025, 88.2124 |
| YIQ | 194.1580, -65.5150, -18.6270 |

Conversions

Conversions Part 2

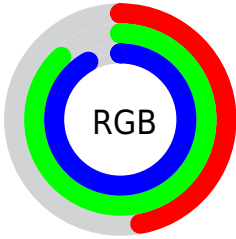
| Format | Color |
|-------------------------------------|--|
| RYB | 120, 175, 235 |
| Decimal | 7921899 |
| CIELab | 83.60, -27.32, -14.72 |
| CIELCh | 84, 31.032, 208.317 |
| Yxy | 63.3025, 0.2459, 0.3151 |
| Android (android.graphics.Color) | 4286111979 (0xFF78E0EB) |
| YUV | 194.1580, 20.1351, -65.0366 |
| Hunter-Lab | 79.5629, -28.4130, -10.0416 |

Details

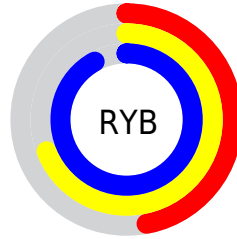
The Hex color **78E0EB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EB8378**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **B3FFFF**, and **39A8B3** is the 20% darker color. If you saturate the color by 10%, you get **61DEEB**, and if you desaturate by 10%, it is **8FE2EB**.

Distribution



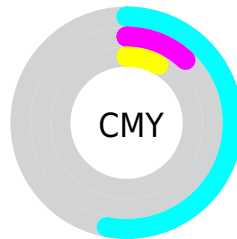
- Red (47%)
- Green (88%)
- Blue (92%)



- Red (47%)
- Yellow (69%)
- Blue (92%)



- Cyan (49%)
- Magenta (5%)
- Yellow (0%)
- Black (8%)



- Cyan (53%)
- Magenta (12%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78E0EB 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 78E0EB by changing the saturation by 10% instead.

 78E0EB

 78E0EB

FFFFFF

 5AC4CF

 B3FFFF

 39A8B3

 D1FFFF

 058E99

 EFFFFFF

 00747F

 005B66

 00434E

 002C37

 001622

 000009

 78E0EB

 78E0EB

 61DEEB

 8FE2EB

 49DCEB

 A7E4EB

 32D9EB

 BFE7EB

 1AD7EB

 D6E9EB

 02D5EB

 EEEBEB

 00D5EB

 FFEDEB

 FFF0EB

 FFF2EB

 FFF4EB

Harmonies

Analogous

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



88E1CE



78E0EB



85DCFF

Triad

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



78E0EB



F4C0EF



E7CE96

Complementary

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



78E0EB



EB8378

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.



FFC4A0



78E0EB



FFBBD3

Square

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



78E0EB



D3C9FF



FFDBB6



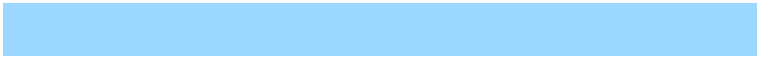
C8D79C

Rectangle

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



78E0EB



9CD7FF



FFBDB6



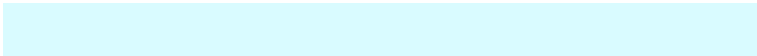
F0CB98

Sweetspot

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



78E0EB



D9FBFF



78EB82



697D80



000000



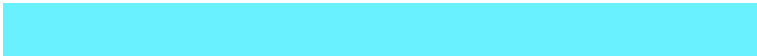
808080

Same Dimension

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



78E0EB



69F1FF



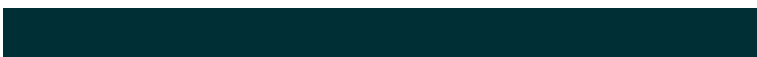
78A8EB



6A7475



00A4B5



003036

Inverse Universe

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



EB78E0



FF69F1



EBBB78



756A74



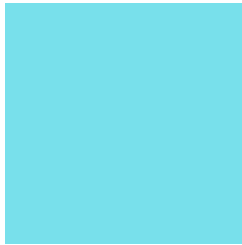
B500A4



360030

Previews

White Background



This preview shows how the Hex color 78E0EB looks on a white background.

Color Contrast Check

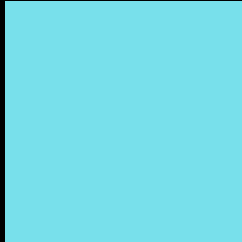
Large Text (above 18pt) WCAG AA × Fail

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 78E0EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

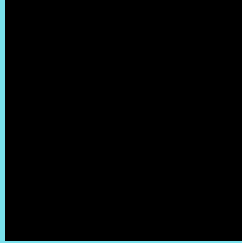
Any Text WCAG AA ✓ Pass

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 78E0EB Background



This preview shows how black text looks on a background with the Hex color 78E0EB.



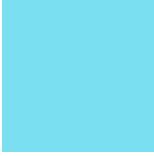
This preview shows how white text looks on a background with the Hex color 78E0EB.

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



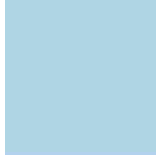


Tritanopia
7ADFF1

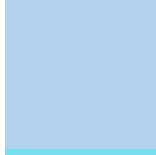
Trichromacy



Original Color
78E0EB



Protanomaly
AFD5E4



Deuteranomaly
B3D2EE

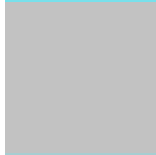


Tritanomaly
79DFEF

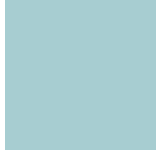
Monochromacy



Original Color
78E0EB



Achromatopsia
C2C2C2



Achromatomaly
A7CDD1

CSS Examples

Text

The CSS property to change the color of the text to Hex 78E0EB 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 #78E0EB looks like.

```
.text, #text, p{  
    color:#78E0EB  
}
```

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 #78E0EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78E0EB
}
```

Border

The CSS property to change the border of an element to Hex 78E0EB 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
#78E0EB }
```

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

```
.border{ border-color:#78E0EB }
```

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

Here you see how a box with a 4 pixel #78E0EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78E0EB; -webkit-box-shadow:4px 4px  
4px 4px #78E0EB; box-shadow:4px 4px 4px  
4px #78E0EB }
```

Background

The CSS property to change the background color of an element to Hex 78E0EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78E0EB }
```

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

```
.background{ background-color:#78E0EB }
```

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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