

Converting Colors

Hex(77E0E6)

Have a look what the booklet for
Hex(77E0E6) contains.

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Color

Hex(77E0E6)

Conversions

Conversions Part 1

Format	Color
Hex	77E0E6
RGB	119, 224, 230
RGB Percent	47%, 88%, 90%
CMY	0.5333, 0.1216, 0.0980
CMYK	0.48, 0.03, 0.00, 0.10
HSL	183°, 69%, 68%
HSV	183°, 48%, 90%
XYZ	48.5463, 62.9464, 84.4541
YIQ	193.2890, -64.5060, -20.3940

Conversions

Conversions Part 2

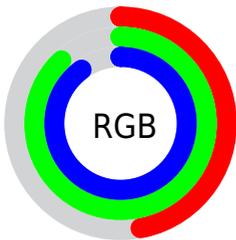
Format	Color
RYB	119, 173, 230
Decimal	7856358
CIELab	83.41, -28.83, -12.36
CIElCh	83, 31.368, 203.197
Yxy	62.9464, 0.2478, 0.3212
Android (android.graphics.Color)	4286046438 (0xFF77E0E6)
YUV	193.2890, 18.0985, -65.1515
Hunter-Lab	79.3388, -29.6211, -7.5756

Details

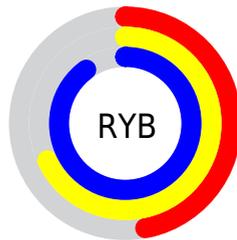
The Hex color **77E0E6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E67D77**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **B2FFFF**, and **38A8AF** is the 20% darker color. If you saturate the color by 10%, you get **60DFE6**, and if you desaturate by 10%, it is **8EE1E6**.

Distribution



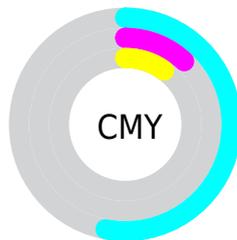
- Red (47%)
- Green (88%)
- Blue (90%)



- Red (47%)
- Yellow (68%)
- Blue (90%)



- Cyan (48%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (53%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77E0E6 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 77E0E6 by changing the saturation by 10% instead.

 77E0E6

 77E0E6

FFFFFF

 59C4CA

 B2FFFF

 38A8AF

 CFFFFFF

 058E94

 EDFFFF

 00747A

 005B61

 00434A

 002C33

 00151E

 000002

 77E0E6

 77E0E6

 60DFE6

 8EE1E6

 49DEE6

 A5E2E6

 32DCE6

 BCE4E6

 1BDBE6

 D3E5E6

 04DAE6

 EAE6E6

 00DAE6

 FFE7E6

 FFE9E6

 FFEAE6

 FFEBE6

Harmonies

Analogous

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



8BE0C8



77E0E6



7FDCFE

Triad

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



77E0E6



EFC1F4



ECCC95

Complementary

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



77E0E6



E67D77

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.



FFC2A2



77E0E6



FFBBD8

Square

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



77E0E6



CBCBFF



FFBBBA



CDD599

Rectangle

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



77E0E6



94D8FF



FFBBBA



F4C898

Sweetspot

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



77E0E6



DBFDFE



77E67D



6A7E80



000000



808080

Same Dimension

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



77E0E6



6BF7FF



77A9E6



677273



00A9B3



003033

Inverse Universe

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



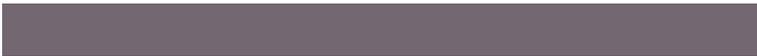
E677E0



FF6BF7



E6B477



736772



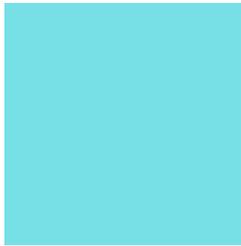
B300A9



330030

Previews

White Background



This preview shows how the Hex color 77E0E6 looks on a white background.

Color Contrast Check

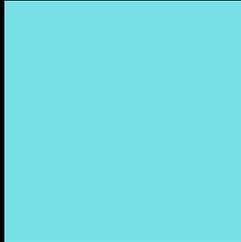
Large Text (above 18pt) WCAG AA × Fail

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 77E0E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

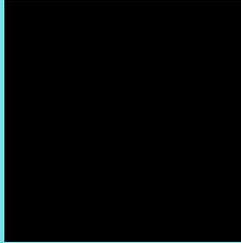
Any Text WCAG AA ✓ Pass

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 77E0E6 Background



This preview shows how black text looks on a background with the Hex color 77E0E6.



This preview shows how white text looks on a background with the Hex color 77E0E6.

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](#).

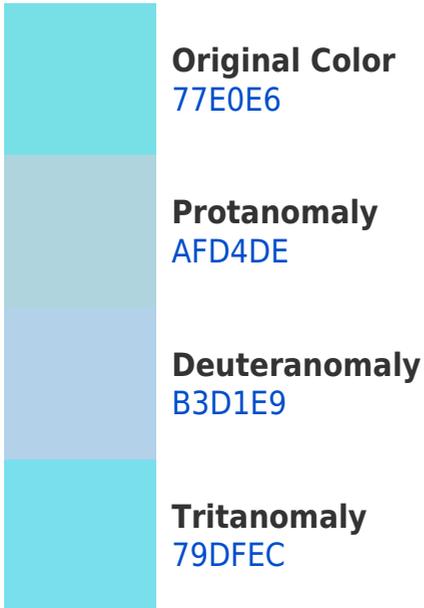
Dichromacy





Tritanopia
7ADEF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77E0E6 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 #77E0E6 looks like.

```
.text, #text, p{  
    color:#77E0E6  
}
```

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 #77E0E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77E0E6  
}
```

Border

The CSS property to change the border of an element to Hex 77E0E6 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  
#77E0E6 }
```

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

```
.border{ border-color:#77E0E6 }
```

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

Here you see how a box with a 4 pixel #77E0E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77E0E6; -webkit-box-shadow:4px 4px  
4px 4px #77E0E6; box-shadow:4px 4px 4px  
4px #77E0E6 }
```

Background

The CSS property to change the background color of an element to Hex 77E0E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77E0E6 }
```

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

```
.background{ background-color:#77E0E6 }
```

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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