

Converting Colors

Hex(77E1D0)

Have a look what the booklet for
Hex(77E1D0) contains.

Hex(77E1D0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(77E1D0)

Conversions

Conversions Part 1

Format	Color
Hex	77E1D0
RGB	119, 225, 208
RGB Percent	47%, 88%, 82%
CMY	0.5333, 0.1176, 0.1843
CMYK	0.47, 0.00, 0.08, 0.12
HSL	170°, 64%, 67%
HSV	170°, 47%, 88%
XYZ	45.9181, 62.3264, 69.2846
YIQ	191.3680, -57.7190, -27.7590

Conversions

Conversions Part 2

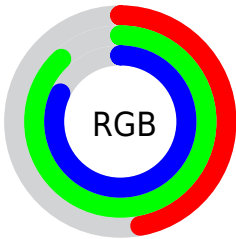
Format	Color
RYB	119, 177, 225
Decimal	7856592
CIELab	83.09, -34.77, -1.18
CIElCh	83, 34.788, 181.952
Yxy	62.3264, 0.2587, 0.3511
Android (android.graphics.Color)	4286046672 (0xFF77E1D0)
YUV	191.3680, 8.1996, -63.4667
Hunter-Lab	78.9471, -34.3362, 3.2296

Details

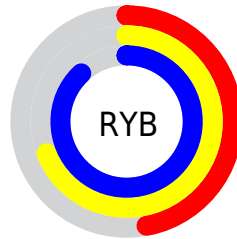
The Hex color **77E1D0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E17788**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B1FFFF**, and **3BA99A** is the 20% darker color. If you saturate the color by 10%, you get **61E1CC**, and if you desaturate by 10%, it is **8EE1D4**.

Distribution



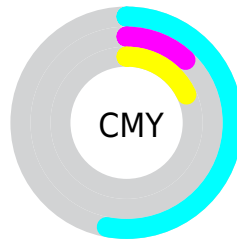
- Red (47%)
- Green (88%)
- Blue (82%)



- Red (47%)
- Yellow (69%)
- Blue (88%)



- Cyan (47%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (53%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77E1D0 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 77E1D0 by changing the saturation by 10% instead.

 77E1D0

 77E1D0

FFFFFF

 5AC5B4

 B1FFFF

 3BA99A

 CEFFFF

 118E80

 ECFFFF

 007467

 005B4F

 004338

 002C23

 00130D

 000000

 77E1D0

 77E1D0

 61E1CC

 8EE1D4

 4AE1C9

 A4E1D7

 33E1C5

 BBE1DB

 1DE1C2

 D1E1DE

 06E1BE

 E8E1E2

 00E1BD

 FEE1E6

 FFE1E9

 FFE1ED

 FFE1F0

Harmonies

Analogous

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



9BDEAF



77E1D0



65E0F0

Triad

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



77E1D0



D6C6FF



FFC296

Complementary

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



77E1D0



E17788

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.



FFB9AE



77E1D0



FBBBEE

Square

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



77E1D0



A7D1FF



FFB7CE



E4CE8D

Rectangle

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



77E1D0



6FDDFF



FFB7CE



FFBF9D

Sweetspot

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



77E1D0



DBFFF9



89E177



6A807C



000000



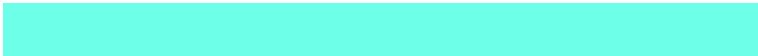
808080

Same Dimension

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



77E1D0



6EFFE8



77BEE1



65706E



00B094



003029

Inverse Universe

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



E17788



FF6E85



E19A77



706567



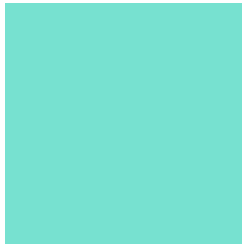
B0001C



300008

Previews

White Background



This preview shows how the Hex color 77E1D0 looks on a white background.

Color Contrast Check

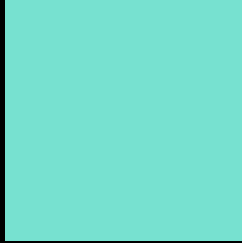
Large Text (above 18pt) WCAG AA × Fail

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 77E1D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

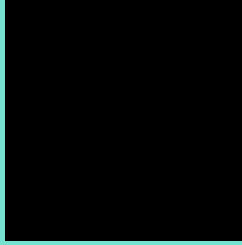
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

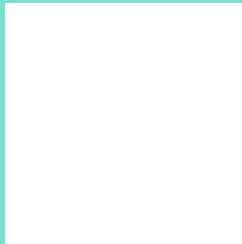
Any Text WCAG AAA ✓ Pass

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

Hex 77E1D0 Background



This preview shows how black text looks on a background with the Hex color 77E1D0.

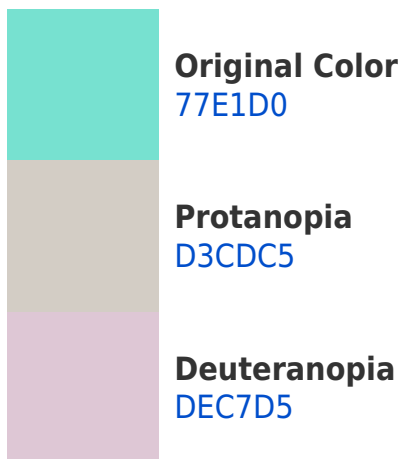


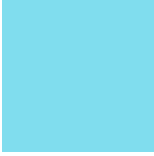
This preview shows how white text looks on a background with the Hex color 77E1D0.

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



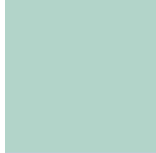


Tritanopia
80DDEE

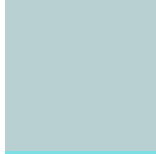
Trichromacy



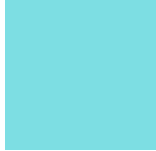
Original Color
77E1D0



Protanomaly
B2D4C9



Deuteranomaly
B9D0D3

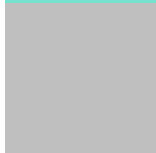


Tritanomaly
7DDEE3

Monochromacy



Original Color
77E1D0



Achromatopsia
BFBFBF



Achromatomaly
A5CBC5

CSS Examples

Text

The CSS property to change the color of the text to Hex 77E1D0 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 #77E1D0 looks like.

```
.text, #text, p{  
    color:#77E1D0  
}
```

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 #77E1D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77E1D0
}
```

Border

The CSS property to change the border of an element to Hex 77E1D0 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
#77E1D0 }
```

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

```
.border{ border-color:#77E1D0 }
```

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

Here you see how a box with a 4 pixel #77E1D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77E1D0; -webkit-box-shadow:4px 4px  
4px 4px #77E1D0; box-shadow:4px 4px 4px  
4px #77E1D0 }
```

Background

The CSS property to change the background color of an element to Hex 77E1D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77E1D0 }
```

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

```
.background{ background-color:#77E1D0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor