

Converting Colors

Hex(77E0D7)

Have a look what the booklet for
Hex(77E0D7) contains.

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Color

Hex(77E0D7)

Conversions

Conversions Part 1

Format	Color
Hex	77E0D7
RGB	119, 224, 215
RGB Percent	47%, 88%, 84%
CMY	0.5333, 0.1216, 0.1569
CMYK	0.47, 0.00, 0.04, 0.12
HSL	175°, 63%, 67%
HSV	175°, 47%, 88%
XYZ	46.5291, 62.1395, 73.8318
YIQ	191.5790, -59.6910, -25.0590

Conversions

Conversions Part 2

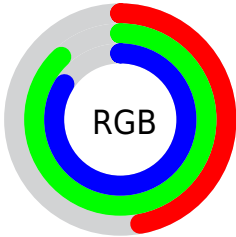
Format	Color
RYB	119, 174, 224
Decimal	7856343
CIELab	82.99, -32.61, -5.04
CIELCh	83, 32.995, 188.786
Yxy	62.1395, 0.2550, 0.3405
Android (android.graphics.Color)	4286046423 (0xFF77E0D7)
YUV	191.5790, 11.5466, -63.6518
Hunter-Lab	78.8286, -32.5893, -0.3516

Details

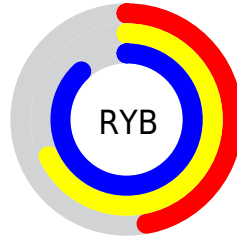
The Hex color **77E0D7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E07780**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **B1FFFF**, and **3AA8A0** is the 20% darker color. If you saturate the color by 10%, you get **61E0D5**, and if you desaturate by 10%, it is **8DE0D9**.

Distribution



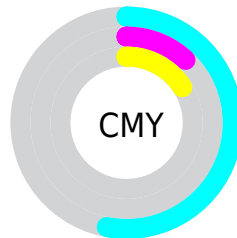
- Red (47%)
- Green (88%)
- Blue (84%)



- Red (47%)
- Yellow (68%)
- Blue (88%)



- Cyan (47%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



- Cyan (53%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77E0D7 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 77E0D7 by changing the saturation by 10% instead.

 77E0D7

 77E0D7

FFFFFF

 5AC4BB

 B1FFFF

 3AA8A0

 CFFFFFF

 0F8E86

 ECFFFF

 00746D

 005A55

 00423E

 002C28

 001314

 000000

 77E0D7

 77E0D7

 61E0D5

 8DE0D9

 4AE0D3

 A4E0DB

 34E0D1

 BAE0DD

 1DE0CF

 D1E0DF

 07E0CD

 E7E0E1

 00E0CD

 FDE0E3

 FFE0E4

 FFE0E6

 FFE0E8

Harmonies

Analogous

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



95DEB7



77E0D7



6FDEF4

Triad

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



77E0D7



DFC4FF



F8C596

Complementary

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



77E0D7



E07780

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.



FFBCA9



77E0D7



FEBBE6

Square

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



77E0D7



B4CEFF



FFB8C7



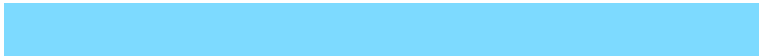
DCD091

Rectangle

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



77E0D7



7DDAFF



FFB8C7



FFC29B

Sweetspot

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



77E0D7



DBFFFC



82E077



6A807E



000000



808080

Same Dimension

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



77E0D7



70FFF3



77B6E0



65706F



00B0A1



00302C

Inverse Universe

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



E07780



FF707C



E0A177



706566



B0000F



300004

Previews

White Background



This preview shows how the Hex color 77E0D7 looks on a white background.

Color Contrast Check

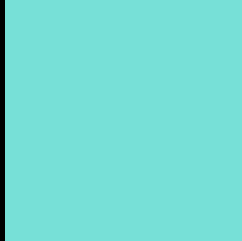
Large Text (above 18pt) WCAG AA × Fail

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 77E0D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

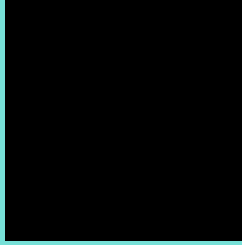
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

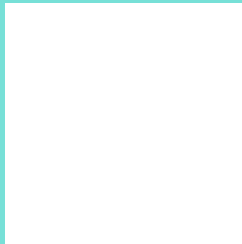
Any Text WCAG AAA ✓ Pass

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

Hex 77E0D7 Background



This preview shows how black text looks on a background with the Hex color 77E0D7.



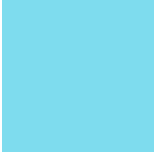
This preview shows how white text looks on a background with the Hex color 77E0D7.

Color Blindness Simulation

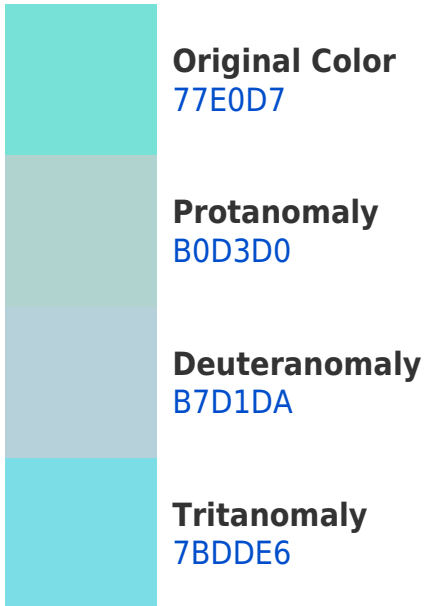
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

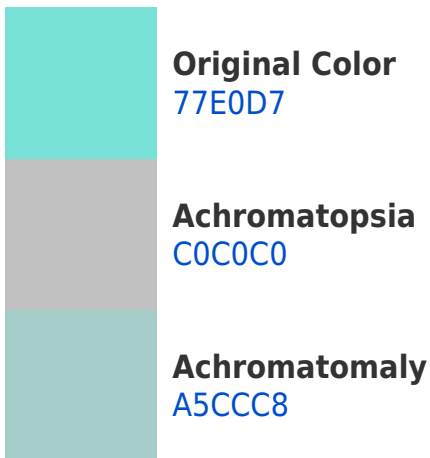




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77E0D7 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 #77E0D7 looks like.

```
.text, #text, p{  
    color:#77E0D7  
}
```

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 #77E0D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77E0D7  
}
```

Border

The CSS property to change the border of an element to Hex 77E0D7 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  
#77E0D7 }
```

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

```
.border{ border-color:#77E0D7 }
```

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

Here you see how a box with a 4 pixel #77E0D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77E0D7; -webkit-box-shadow:4px 4px  
4px 4px #77E0D7; box-shadow:4px 4px 4px  
4px #77E0D7 }
```

Background

The CSS property to change the background color of an element to Hex 77E0D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77E0D7 }
```

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

```
.background{ background-color:#77E0D7 }
```

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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