

Converting Colors

Hex(76E7E3)

Have a look what the booklet for
Hex(76E7E3) contains.

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Color

Hex(76E7E3)

Conversions

Conversions Part 1

Format	Color
Hex	76E7E3
RGB	118, 231, 227
RGB Percent	46%, 91%, 89%
CMY	0.5373, 0.0941, 0.1098
CMYK	0.49, 0.00, 0.02, 0.09
HSL	178°, 70%, 68%
HSV	178°, 49%, 91%
XYZ	49.9123, 66.5494, 82.8877
YIQ	196.7570, -66.0640, -25.2000

Conversions

Conversions Part 2

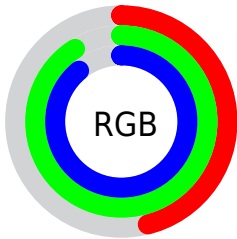
Format	Color
RYB	118, 176, 231
Decimal	7792611
CIELab	85.28, -33.14, -8.00
CIELCh	85, 34.096, 193.575
Yxy	66.5494, 0.2504, 0.3338
Android (android.graphics.Color)	4285982691 (0xFF76E7E3)
YUV	196.7570, 14.9098, -69.0699
Hunter-Lab	81.5778, -33.5485, -3.1375

Details

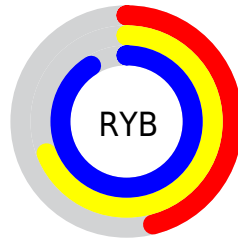
The Hex color **76E7E3** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E7767A**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **B1FFFF**, and **36AFAC** is the 20% darker color. If you saturate the color by 10%, you get **5FE7E2**, and if you desaturate by 10%, it is **8DE7E4**.

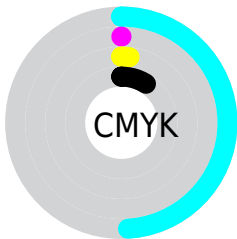
Distribution



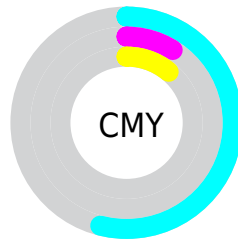
- Red (46%)
- Green (91%)
- Blue (89%)



- Red (46%)
- Yellow (69%)
- Blue (91%)



- Cyan (49%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



- Cyan (54%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76E7E3 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 76E7E3 by changing the saturation by 10% instead.

 76E7E3

 76E7E3


FFFFFF

 58CBC7

 B1FFFF

 36AFAC

 CFFFFFF

 009491

 EDFFFF

 007A78

 00605F

 004847

 003131

 001C1C

 000000

 76E7E3

 76E7E3

 5FE7E2

 8DE7E4

 48E7E1

 A4E7E5

 31E7E1

 BBE7E5

 1AE7E0

 D2E7E6

 02E7DF

 EAE7E7

 00E7DF

 FFE7E8

 FFE7E9

 FFE7EA

Harmonies

Analogous

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



94E6C2



76E7E3



73E4FF

Triad

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



76E7E3



ECC8FF



FCCD98

Complementary

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



76E7E3



E7767A

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.



FFC3AA



76E7E3



FFBFE8

Square

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



76E7E3



C1D3FF



FFBDC7



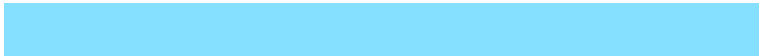
DDD896

Rectangle

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



76E7E3



85E0FF



FFBDC7



FFC99C

Sweetspot

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



76E7E3



D9FFFE



7CE776



69807F



000000



808080

Same Dimension

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



76E7E3



69FFFA



76B4E7



677372



00B3AC



003331

Inverse Universe

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



E7767A



FF696E



E7A976



736768



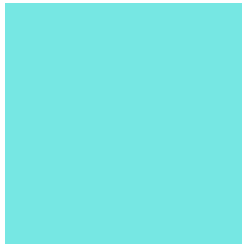
B30006



330002

Previews

White Background



This preview shows how the Hex color 76E7E3 looks on a white background.

Color Contrast Check

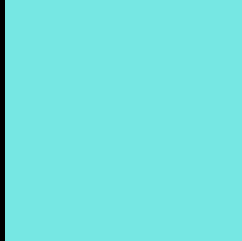
Large Text (above 18pt) WCAG AA × Fail

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 76E7E3 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 76E7E3 Background



This preview shows how black text looks on a background with the Hex color 76E7E3.

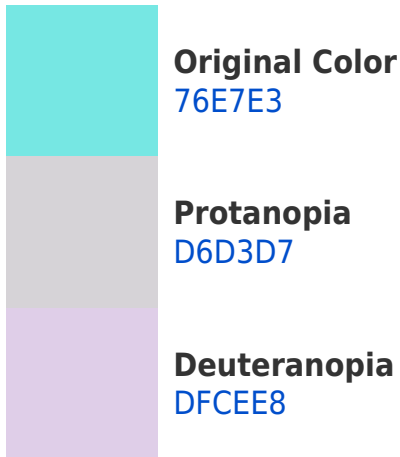


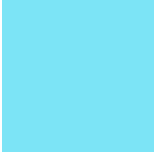
This preview shows how white text looks on a background with the Hex color 76E7E3.

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
7CE4F6

Trichromacy



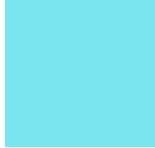
Original Color
76E7E3



Protanomaly
B3DADB



Deuteranomaly
B9D7E6

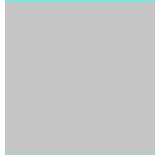


Tritanomaly
7AE5EF

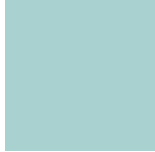
Monochromacy



Original Color
76E7E3



Achromatopsia
C5C5C5



Achromatomaly
A8D1D0

CSS Examples

Text

The CSS property to change the color of the text to Hex 76E7E3 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 #76E7E3 looks like.

```
.text, #text, p{  
    color:#76E7E3  
}
```

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 #76E7E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76E7E3
}
```

Border

The CSS property to change the border of an element to Hex 76E7E3 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
#76E7E3 }
```

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

```
.border{ border-color:#76E7E3 }
```

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

Here you see how a box with a 4 pixel #76E7E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76E7E3; -webkit-box-shadow:4px 4px  
4px 4px #76E7E3; box-shadow:4px 4px 4px  
4px #76E7E3 }
```

Background

The CSS property to change the background color of an element to Hex 76E7E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76E7E3 }
```

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

```
.background{ background-color:#76E7E3 }
```

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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