

# Converting Colors

Hex(76E3D7)

Have a look what the booklet for  
Hex(76E3D7) contains.

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**Color**

**Hex(76E3D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76E3D7
RGB	118, 227, 215
RGB Percent	46%, 89%, 84%
CMY	0.5373, 0.1098, 0.1569
CMYK	0.48, 0.00, 0.05, 0.11
HSL	173°, 66%, 68%
HSV	173°, 48%, 89%
XYZ	47.2060, 63.6960, 74.0965
YIQ	193.0410, -61.1120, -26.8400

# Conversions

## Conversions Part 2

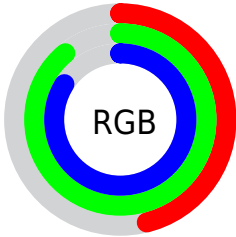
Format	Color
<a href="#">RYB</a>	<a href="#">118, 176, 227</a>
Decimal	<a href="#">7791575</a>
CIELab	<a href="#">83.81, -34.24, -3.84</a>
CIElCh	<a href="#">84, 34.453, 186.393</a>
Yxy	<a href="#">63.6960, 0.2552, 0.3443</a>
Android (android.graphics.Color)	<a href="#">4285981655 (0xFF76E3D7)</a>
YUV	<a href="#">193.0410, 10.8258, -65.8110</a>
Hunter-Lab	<a href="#">79.8098, -34.0876, 0.8212</a>

# Details

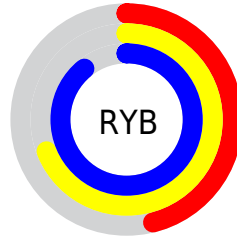
The Hex color **76E3D7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E37682**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **B0FFFF**, and **38ABA0** is the 20% darker color. If you saturate the color by 10%, you get **5FE3D5**, and if you desaturate by 10%, it is **8DE3D9**.

# Distribution



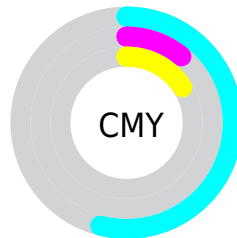
- Red (46%)
- Green (89%)
- Blue (84%)



- Red (46%)
- Yellow (69%)
- Blue (89%)



- Cyan (48%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



- Cyan (54%)
- Magenta (11%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76E3D7 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 76E3D7 by changing the saturation by 10% instead.



 76E3D7

 76E3D7

FFFFFF

 58C7BB

 B0FFFF

 38ABA0

 CEFFFF

 079086

 ECFFFF

 00766D

 005D55

 00453E

 002E28

 001614

 000000

 76E3D7

 76E3D7

 5FE3D5

 8DE3D9

 49E3D2

 A3E3DC

 32E3D0

 BAE3DE

 1BE3CD

 D1E3E1

 05E3CB

 E8E3E3

 00E3CA

 FEE3E6

 FFE3E8

 FFE3EB

 FFE3ED

# Harmonies

## Analogous

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



98E1B6



76E3D7



6AE1F6

# Triad

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



76E3D7



DFC6FF



FEC696

# Complementary

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



76E3D7



E37682

# 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.



FFBDAC



76E3D7



FFBCEC

# Square

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



76E3D7



B1D2FF



FFB9CB



E1D190

# Rectangle

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



76E3D7



77DEFF



FFB9CB



FFC39C



# Sweetspot

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



76E3D7



DBFFFB



83E376



6A807D



000000



808080



# Same Dimension

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



76E3D7



6BFFEF



76B9E3



677371



00B39F



00332D



# Inverse Universe

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



E37682



FF6B7B



E3A076



736769



B30014

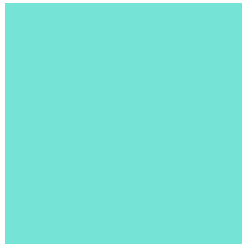


330006



# Previews

## White Background



This preview shows how the Hex color 76E3D7 looks on a white background.

## Color Contrast Check

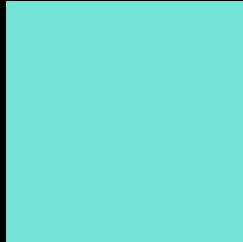
Large Text (above 18pt) WCAG AA × Fail

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 76E3D7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

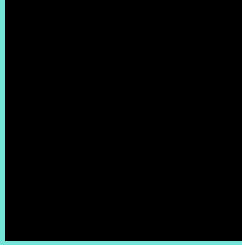
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

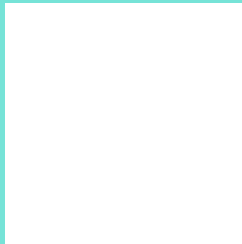
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 76E3D7 Background



This preview shows how black text looks on a background with the Hex color 76E3D7.

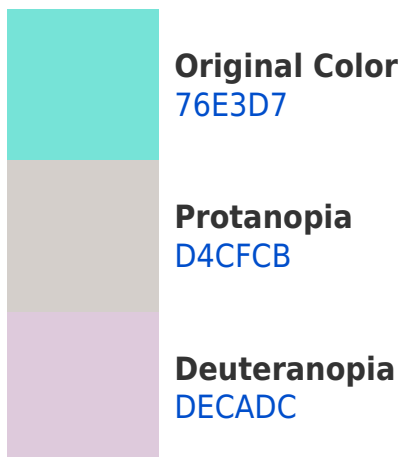


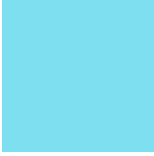
This preview shows how white text looks on a background with the Hex color 76E3D7.

# 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](#).

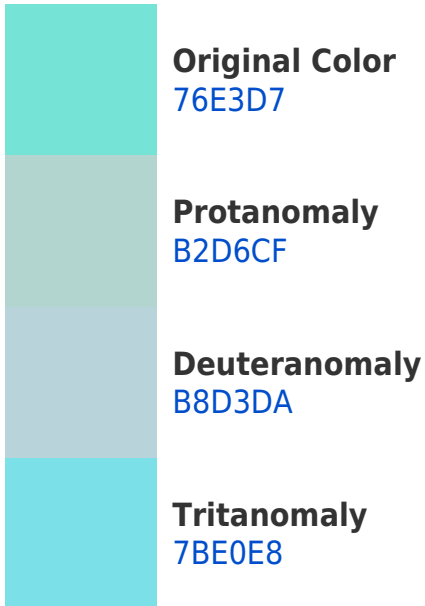
## Dichromacy



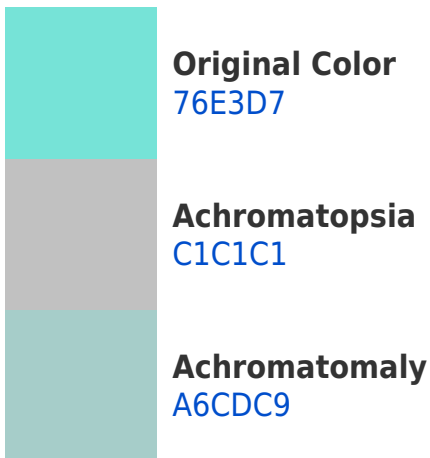


**Tritanopia**  
7EDFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76E3D7 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 #76E3D7 looks like.

```
.text, #text, p{  
    color:#76E3D7  
}
```

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 #76E3D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76E3D7
}
```

## Border

The CSS property to change the border of an element to Hex 76E3D7 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
#76E3D7 }
```

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

```
.border{ border-color:#76E3D7 }
```

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

Here you see how a box with a 4 pixel #76E3D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76E3D7; -webkit-box-shadow:4px 4px  
4px 4px #76E3D7; box-shadow:4px 4px 4px  
4px #76E3D7 }
```

# Background

The CSS property to change the background color of an element to Hex 76E3D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76E3D7 }
```

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

```
.background{ background-color:#76E3D7 }
```

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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