

# Converting Colors

Hex(76E1CE)

Have a look what the booklet for  
Hex(76E1CE) contains.

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**Color**

**Hex(76E1CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76E1CE
RGB	118, 225, 206
RGB Percent	46%, 88%, 81%
CMY	0.5373, 0.1176, 0.1922
CMYK	0.48, 0.00, 0.08, 0.12
HSL	169°, 64%, 67%
HSV	169°, 48%, 88%
XYZ	45.5370, 62.1582, 67.9902
YIQ	190.8410, -57.6730, -28.5930

# Conversions

## Conversions Part 2

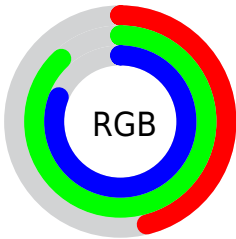
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 177, 225
Decimal	7791054
CIELab	83.00, -35.47, -0.26
CIELCh	83, 35.472, 180.421
Yxy	62.1582, 0.2592, 0.3538
Android (android.graphics.Color)	4285981134 (0xFF76E1CE)
YUV	190.8410, 7.4734, -63.8816
Hunter-Lab	78.8405, -34.8721, 4.0580

# Details

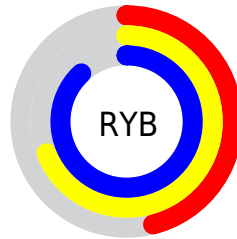
The Hex color **76E1CE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E17689**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B0FFFF**, and **39A998** is the 20% darker color. If you saturate the color by 10%, you get **60E1CA**, and if you desaturate by 10%, it is **8DE1D2**.

# Distribution



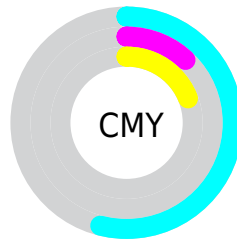
- Red (46%)
- Green (88%)
- Blue (81%)



- Red (46%)
- Yellow (69%)
- Blue (88%)



- Cyan (48%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (54%)
- Magenta (12%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76E1CE 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 76E1CE by changing the saturation by 10% instead.



 76E1CE

 76E1CE

FFFFFF

 59C5B3

 B0FFFF

 39A998

 CDFFFF

 0E8E7E

 EBFFFF

 007465

 005B4D

 004336

 002C21

 00130B

 000000

 76E1CE

 76E1CE

 60E1CA

 8DE1D2

 49E1C6

 A3E1D6

 33E1C2

 BAE1DA

 1CE1BE

 D0E1DE

 06E1BA

 E7E1E2

 00E1B9

 FDE1E6

 FFE1EA

 FFE1EE

 FFE1F2

# Harmonies

## Analogous

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



9BDEAD



76E1CE



61E0EF

# Triad

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



76E1CE



D4C6FF



FFC196

# Complementary

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



76E1CE



E17689

# 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.



FFB8AF



76E1CE



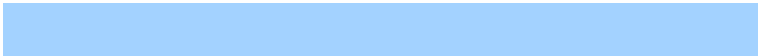
FABBFO

# Square

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



76E1CE



A3D2FF



FFB6CF



E6CD8C

# Rectangle

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



76E1CE



6ADDFE



FFB6CF



FFBE9D

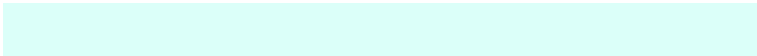


# Sweetspot

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



76E1CE



DBFFF9



8AE176



6A807C



000000



808080



# Same Dimension

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



76E1CE



6EFFE5



76BFE1



65706E



00B091



003028



# Inverse Universe

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



E17689



FF6E87



E19876



706567



B0001F

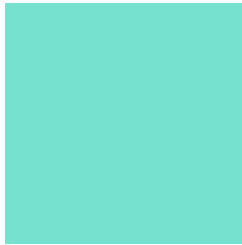


300009



# Previews

## White Background



This preview shows how the Hex color 76E1CE looks on a white background.

## Color Contrast Check

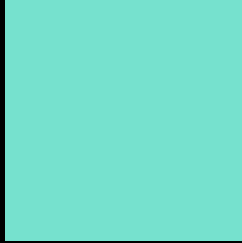
Large Text (above 18pt) WCAG AA × Fail

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 76E1CE 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 76E1CE Background



This preview shows how black text looks on a background with the Hex color 76E1CE.



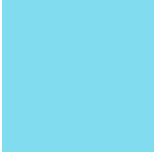
This preview shows how white text looks on a background with the Hex color 76E1CE.

# 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**  
80DCEE

# Trichromacy



**Original Color**  
76E1CE



**Protanomaly**  
B2D4C7



**Deuteranomaly**  
B8D0D2

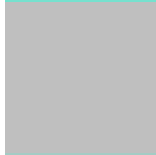


**Tritanomaly**  
7CDEE2

# Monochromacy



**Original Color**  
76E1CE



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
A4CBC4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76E1CE 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 #76E1CE looks like.

```
.text, #text, p{  
    color:#76E1CE  
}
```

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 #76E1CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76E1CE
}
```

## Border

The CSS property to change the border of an element to Hex 76E1CE 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
#76E1CE }
```

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

```
.border{ border-color:#76E1CE }
```

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

Here you see how a box with a 4 pixel #76E1CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76E1CE; -webkit-box-shadow:4px 4px  
4px 4px #76E1CE; box-shadow:4px 4px 4px  
4px #76E1CE }
```

# Background

The CSS property to change the background color of an element to Hex 76E1CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76E1CE }
```

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

```
.background{ background-color:#76E1CE }
```

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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