

Converting Colors

Hex(76E5E4)

Have a look what the booklet for
Hex(76E5E4) contains.

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Color

Hex(76E5E4)

Conversions

Conversions Part 1

Format	Color
Hex	76E5E4
RGB	118, 229, 228
RGB Percent	46%, 90%, 89%
CMY	0.5373, 0.1020, 0.1059
CMYK	0.48, 0.00, 0.00, 0.10
HSL	179°, 68%, 68%
HSV	179°, 48%, 90%
XYZ	49.4941, 65.4916, 83.4313
YIQ	195.6970, -65.8350, -23.8430

Conversions

Conversions Part 2

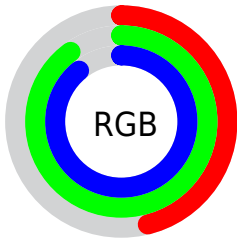
Format	Color
RYB	118, 174, 229
Decimal	7792100
CIELab	84.74, -31.95, -9.33
CIElCh	85, 33.282, 196.282
Yxy	65.4916, 0.2494, 0.3301
Android (android.graphics.Color)	4285982180 (0xFF76E5E4)
YUV	195.6970, 15.9254, -68.1403
Hunter-Lab	80.9269, -32.4531, -4.4760

Details

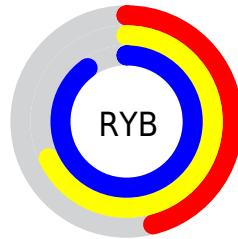
The Hex color **76E5E4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E57677**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **B1FFFF**, and **36ADAD** is the 20% darker color. If you saturate the color by 10%, you get **5FE5E4**, and if you desaturate by 10%, it is **8DE5E4**.

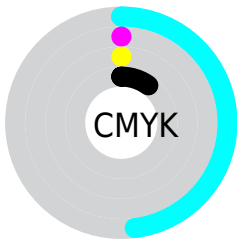
Distribution



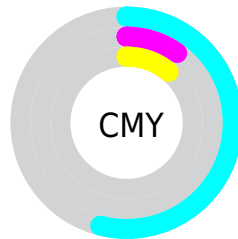
- Red (46%)
- Green (90%)
- Blue (89%)



- Red (46%)
- Yellow (68%)
- Blue (90%)



- Cyan (48%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (54%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76E5E4 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 76E5E4 by changing the saturation by 10% instead.

 76E5E4

 76E5E4

FFFFFF

 58C9C8

 B1FFFF

 36ADAD

 CFFFFFF

 009292

 EDFFFF

 007878

 005F60

 004748

 002F32

 001A1D

 000001

 76E5E4

 76E5E4

 5FE5E4

 8DE5E4

 48E5E4

 A4E5E4

 31E5E3

 BBE5E5

 1AE5E3

 D2E5E5

 03E5E3

 E8E5E5

 00E5E3

 FFE5E5

 FFE5E6

Harmonies

Analogous

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



91E4C4



76E5E4



76E2FF

Triad

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



76E5E4



EDC6FF



F7CD97

Complementary

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



76E5E4



E57677

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.



FFC3A7



76E5E4



FFBEE3

Square

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



76E5E4



C4D1FF



FFBDC3



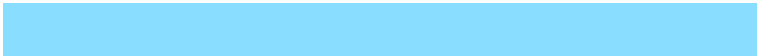
D8D797

Rectangle

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



76E5E4



89DEFF



FFBDC3



FFC99B

Sweetspot

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



76E5E4



D9FFFF



78E576



69807F



000000



808080

Same Dimension

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



76E5E4



6BFFFE



76AFE5



677373



00B3B1



003333

Inverse Universe

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



E57677



FF6B6C



E5AC76



736767



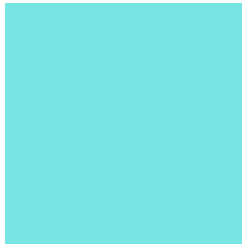
B30002



330000

Previews

White Background



This preview shows how the Hex color 76E5E4 looks on a white background.

Color Contrast Check

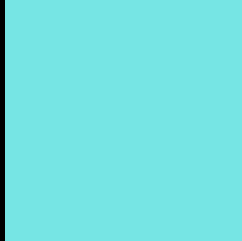
Large Text (above 18pt) WCAG AA × Fail

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 76E5E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

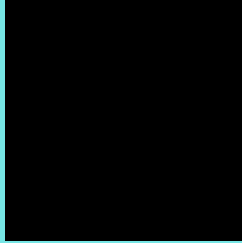
Any Text WCAG AA ✓ Pass

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 76E5E4 Background



This preview shows how black text looks on a background with the Hex color 76E5E4.

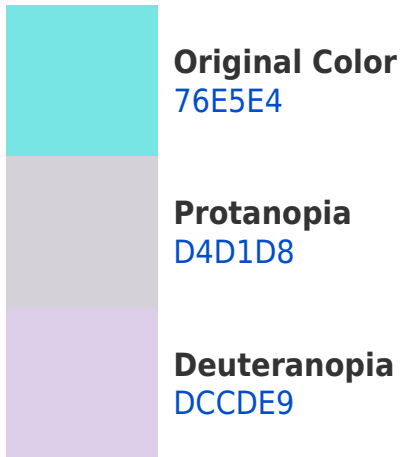


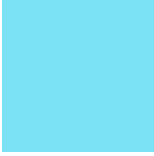
This preview shows how white text looks on a background with the Hex color 76E5E4.

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
7BE2F5

Trichromacy



Original Color
76E5E4



Protanomaly
B2D8DC



Deuteranomaly
B7D6E7

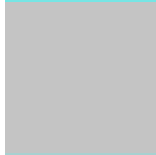


Tritanomaly
79E3EF

Monochromacy



Original Color
76E5E4



Achromatopsia
C4C4C4



Achromatomaly
A8D0D0

CSS Examples

Text

The CSS property to change the color of the text to Hex 76E5E4 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 #76E5E4 looks like.

```
.text, #text, p{  
    color:#76E5E4  
}
```

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 #76E5E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76E5E4
}
```

Border

The CSS property to change the border of an element to Hex 76E5E4 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
#76E5E4 }
```

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

```
.border{ border-color:#76E5E4 }
```

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

Here you see how a box with a 4 pixel #76E5E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76E5E4; -webkit-box-shadow:4px 4px  
4px 4px #76E5E4; box-shadow:4px 4px 4px  
4px #76E5E4 }
```

Background

The CSS property to change the background color of an element to Hex 76E5E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76E5E4 }
```

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

```
.background{ background-color:#76E5E4 }
```

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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