

Converting Colors

Hex(76E3E2)

Have a look what the booklet for
Hex(76E3E2) contains.

Hex(76E3E2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(76E3E2)

Conversions

Conversions Part 1

Format	Color
Hex	76E3E2
RGB	118, 227, 226
RGB Percent	46%, 89%, 89%
CMY	0.5373, 0.1098, 0.1137
CMYK	0.48, 0.00, 0.00, 0.11
HSL	179°, 66%, 68%
HSV	179°, 48%, 89%
XYZ	48.6678, 64.2807, 81.7939
YIQ	194.2950, -64.6430, -23.4190

Conversions

Conversions Part 2

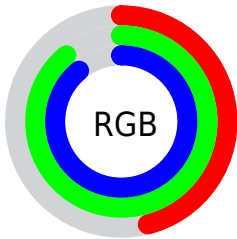
Format	Color
RYB	118, 173, 227
Decimal	7791586
CIELab	84.11, -31.51, -9.20
CIElCh	84, 32.823, 196.284
Yxy	64.2807, 0.2499, 0.3301
Android (android.graphics.Color)	4285981666 (0xFF76E3E2)
YUV	194.2950, 15.6306, -66.9107
Hunter-Lab	80.1753, -31.9541, -4.3643

Details

The Hex color **76E3E2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E37677**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **B1FFFF**, and **37ABAB** is the 20% darker color. If you saturate the color by 10%, you get **5FE3E2**, and if you desaturate by 10%, it is **8DE3E2**.

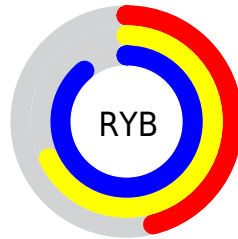
Distribution



Red (46%)

Green (89%)

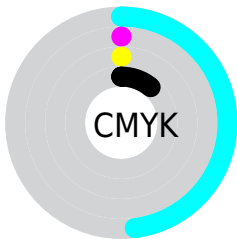
Blue (89%)



Red (46%)

Yellow (68%)

Blue (89%)

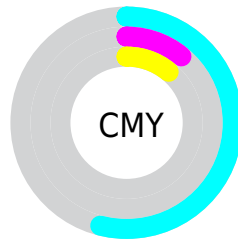


Cyan (48%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (54%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76E3E2 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 76E3E2 by changing the saturation by 10% instead.

 76E3E2

 76E3E2

FFFFFF

 58C7C6

 B1FFFF

 37ABAB

 CFFFFFF

 009090

 ECFFFF

 007677

 005D5E

 004546

 002E30

 00181B

 000000

 76E3E2

 76E3E2

 5FE3E2

 8DE3E2

 49E3E2

 A3E3E2

 32E3E1

 BAE3E3

 1BE3E1

 D1E3E3

 05E3E1

 E8E3E3

 00E3E1

 FEE3E3

 FFE3E3

 FFE3E4

Harmonies

Analogous

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



90E2C2



76E3E2



76E0FD

Triad

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



76E3E2



EBC4FD



F5CB96

Complementary

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



76E3E2



E37677

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.



FFC1A6



76E3E2



FFBCE1

Square

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



76E3E2



C3CFFF



FFBBC2



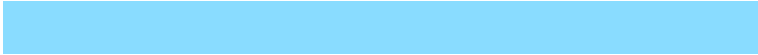
D7D596

Rectangle

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



76E3E2



89DCFF



FFBBC2



FDC79A

Sweetspot

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



76E3E2



DBFFFF



78E376



6A807F



000000



808080

Same Dimension

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



76E3E2



6BFFFE



76AEE3



677373



00B3B1



003333

Inverse Universe

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



E37677



FF6B6C



E3AB76



736767



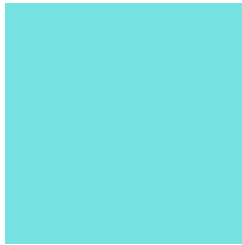
B30002



330000

Previews

White Background



This preview shows how the Hex color 76E3E2 looks on a white background.

Color Contrast Check

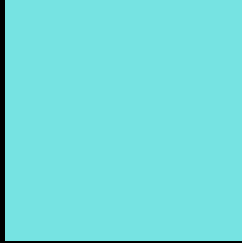
Large Text (above 18pt) WCAG AA × Fail

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 76E3E2 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 76E3E2 Background



This preview shows how black text looks on a background with the Hex color 76E3E2.

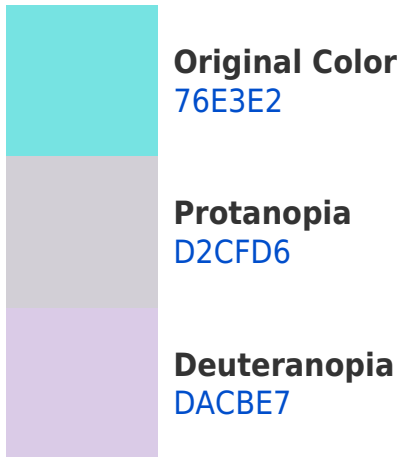


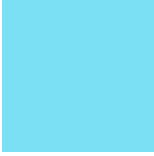
This preview shows how white text looks on a background with the Hex color 76E3E2.

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
7BE0F3

Trichromacy



Original Color
76E3E2



Protanomaly
B1D6DA



Deuteranomaly
B6D4E5

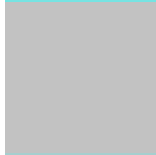


Tritanomaly
79E1ED

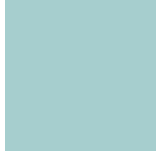
Monochromacy



Original Color
76E3E2



Achromatopsia
C2C2C2



Achromatomaly
A6CECE

CSS Examples

Text

The CSS property to change the color of the text to Hex 76E3E2 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 #76E3E2 looks like.

```
.text, #text, p{  
    color:#76E3E2  
}
```

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 #76E3E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76E3E2
}
```

Border

The CSS property to change the border of an element to Hex 76E3E2 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
#76E3E2 }
```

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

```
.border{ border-color:#76E3E2 }
```

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

Here you see how a box with a 4 pixel #76E3E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76E3E2; -webkit-box-shadow:4px 4px  
4px 4px #76E3E2; box-shadow:4px 4px 4px  
4px #76E3E2 }
```

Background

The CSS property to change the background color of an element to Hex 76E3E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76E3E2 }
```

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

```
.background{ background-color:#76E3E2 }
```

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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