

# Converting Colors

Hex(75E8E1)

Have a look what the booklet for  
Hex(75E8E1) contains.

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# Color

**Hex(75E8E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75E8E1
RGB	117, 232, 225
RGB Percent	46%, 91%, 88%
CMY	0.5412, 0.0902, 0.1176
CMYK	0.50, 0.00, 0.03, 0.09
HSL	176°, 71%, 68%
HSV	176°, 50%, 91%
XYZ	49.7833, 66.9314, 81.5294
YIQ	196.8170, -66.2930, -26.5570

# Conversions

## Conversions Part 2

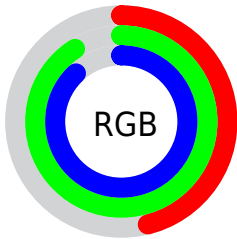
Format	Color
<a href="#">RYB</a>	<a href="#">117, 176, 232</a>
Decimal	<a href="#">7727329</a>
CIELab	<a href="#">85.47, -34.32, -6.67</a>
CIELCh	<a href="#">85, 34.966, 190.991</a>
Yxy	<a href="#">66.9314, 0.2511, 0.3376</a>
Android (android.graphics.Color)	<a href="#">4285917409 (0xFF75E8E1)</a>
YUV	<a href="#">196.8170, 13.8942, -69.9995</a>
Hunter-Lab	<a href="#">81.8116, -34.5509, -1.8173</a>

# Details

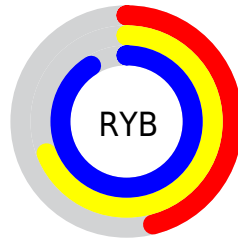
The Hex color **75E8E1** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E8757C**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **B0FFFF**, and **35B0AA** is the 20% darker color. If you saturate the color by 10%, you get **5EE8E0**, and if you desaturate by 10%, it is **8CE8E2**.

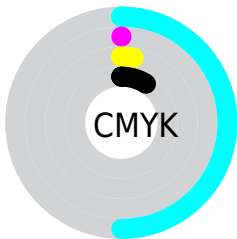
# Distribution



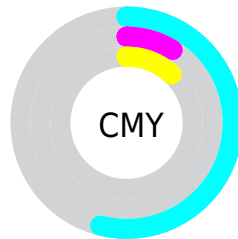
- Red (46%)
- Green (91%)
- Blue (88%)



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



- Cyan (50%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (54%)
- Magenta (9%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75E8E1 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 75E8E1 by changing the saturation by 10% instead.



 75E8E1

 75E8E1


FFFFFF

 56CCC5

 B0FFFF

 35B0AA

 CEFFFF

 00958F

 ECFFFF

 007B76

 00615D

 004946

 00312F

 001C1B

 000000

 75E8E1

 75E8E1

 5EE8E0

 8CE8E2

 47E8DE

 A3E8E4

 2FE8DD

 BBE8E5

 18E8DB

 D2E8E7

 01E8DA

 E9E8E8

 00E8DA

 FFE8E9

 FFE8EB

 FFE8EC

 FFE8EE

# Harmonies

## Analogous

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



95E6BF



75E8E1



6EE6FF

# Triad

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



75E8E1



EAC9FF



FFCC98

# Complementary

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



75E8E1



E8757C

# 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.



FFC2AC



75E8E1



FFC0EC

# Square

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



75E8E1



BDD5FF



FFBDCA



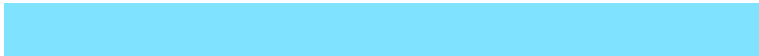
E1D794

# Rectangle

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



75E8E1



7FE2FF



FFBDCA



FFC99D

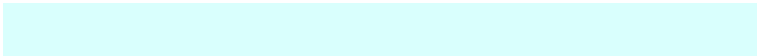


# Sweetspot

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



75E8E1



D9FFFD



7DE875



69807E



000000



808080



# Same Dimension

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



75E8E1



69FFF6



75B6E8



677372



00B3A8



003330



# Inverse Universe

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



E8757C



FF6972



E8A775



736768



B3000B

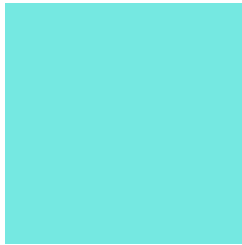


330003



# Previews

## White Background



This preview shows how the Hex color 75E8E1 looks on a white background.

## Color Contrast Check

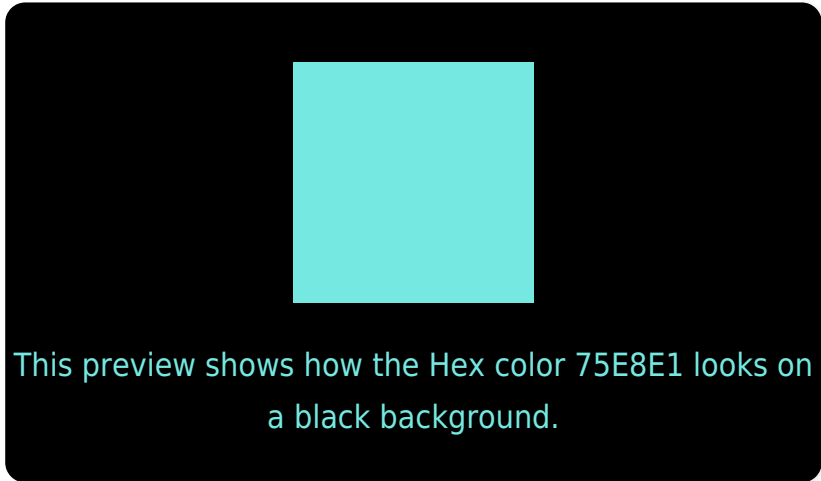
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

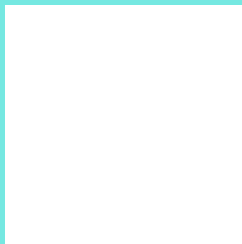
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 75E8E1 Background



This preview shows how black text looks on a background with the Hex color 75E8E1.

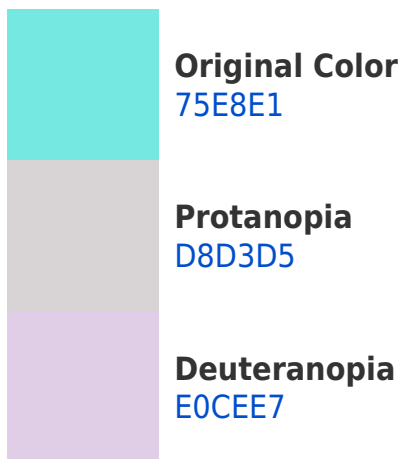


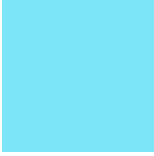
This preview shows how white text looks on a background with the Hex color 75E8E1.

# 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**  
7CE5F7

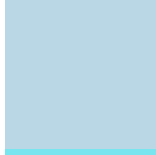
# Trichromacy



**Original Color**  
75E8E1



**Protanomaly**  
B4DBD9



**Deuteranomaly**  
B9D7E5

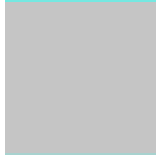


**Tritanomaly**  
79E6EF

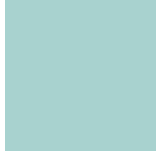
# Monochromacy



**Original Color**  
75E8E1



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
A8D2CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75E8E1 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 #75E8E1 looks like.

```
.text, #text, p{  
    color:#75E8E1  
}
```

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 #75E8E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75E8E1
}
```

## Border

The CSS property to change the border of an element to Hex 75E8E1 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
#75E8E1 }
```

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

```
.border{ border-color:#75E8E1 }
```

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

Here you see how a box with a 4 pixel #75E8E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75E8E1; -webkit-box-shadow:4px 4px  
4px 4px #75E8E1; box-shadow:4px 4px 4px  
4px #75E8E1 }
```

# Background

The CSS property to change the background color of an element to Hex 75E8E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75E8E1 }
```

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

```
.background{ background-color:#75E8E1 }
```

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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