

Converting Colors

Hex(3DE3E1)

Have a look what the booklet for
Hex(3DE3E1) contains.

Hex(3DE3E1)	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(3DE3E1)

Conversions

Conversions Part 1

Format	Color
Hex	3DE3E1
RGB	61, 227, 225
RGB Percent	24%, 89%, 88%
CMY	0.7608, 0.1098, 0.1176
CMYK	0.73, 0.00, 0.01, 0.11
HSL	179°, 75%, 56%
HSV	179°, 73%, 89%
XYZ	42.9842, 61.3665, 80.8136
YIQ	177.1380, -98.2940, -35.8140

Conversions

Conversions Part 2

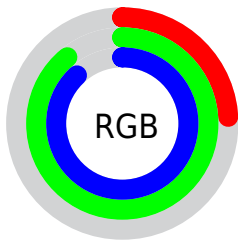
Format	Color
R _{YB}	61, 145, 227
Decimal	4056033
CIE Lab	82.58, -41.10, -11.12
CIE LCh	83, 42.583, 195.142
Yxy	61.3665, 0.2321, 0.3314
Android (android.graphics.Color)	4282246113 (0xFF3DE3E1)
YUV	177.1380, 23.5960, -101.8530
Hunter-Lab	78.3368, -39.1447, -6.3288

Details

The Hex color **3DE3E1** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E33D3F**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **86FFFF**, and **00ABAA** is the 20% darker color. If you saturate the color by 10%, you get **26E3E1**, and if you desaturate by 10%, it is **54E3E1**.

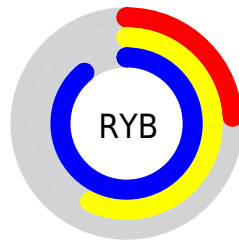
Distribution



Red (24%)

Green (89%)

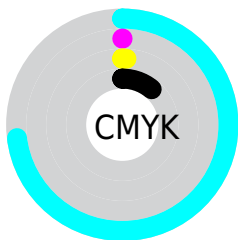
Blue (88%)



Red (24%)

Yellow (57%)

Blue (89%)

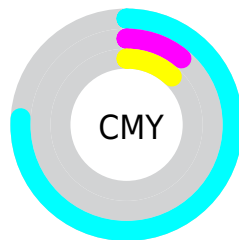


Cyan (73%)

Magenta (0%)

Yellow (1%)

Black (11%)



Cyan (76%)

Magenta (11%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DE3E1 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 3DE3E1 by changing the saturation by 10% instead.

 3DE3E1

 3DE3E1

FFFFFF

 00C7C5

 86FFFF

 00ABAA

 A6FFFF

 00908F

 C5FFFF

 007676

 E4FFFF

 005C5D

 004446

 002D2F

 00111B

 000000

■ 3DE3E1

■ 3DE3E1

■ 26E3E1

■ 54E3E1

■ 10E3E0

■ 6AE3E2

■ 00E3E0

■ 81E3E2

■ 98E3E2

■ AFE3E2

■ C5E3E3

■ DCE3E3

■ F3E3E3

■ FFE3E3

Harmonies

Analogous

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



74E2B8



3DE3E1



30E0FF

Triad

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



3DE3E1



ECBCFF



F9C480

Complementary

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



3DE3E1



E33D3F

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.



FFB797



3DE3E1



FFB1E3

Square

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



3DE3E1



B5CAFF



FFAFBB



D4D27F

Rectangle

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



3DE3E1



5ADBFF



FFAFBB



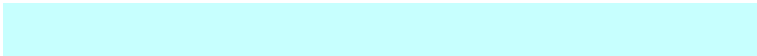
FFC086

Sweetspot

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



3DE3E1



C7FFFE



40E33D



5E807F



000000



808080

Same Dimension

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



3DE3E1



1FFFC



3D93E3



677373



00B3B0



003332

Inverse Universe

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



E33D3F



FF1F21



E38D3D



736767



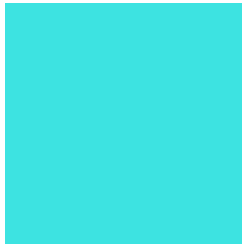
B30002



330001

Previews

White Background



This preview shows how the Hex color 3DE3E1 looks on a white background.

Color Contrast Check

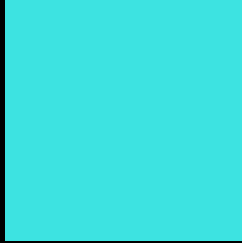
Large Text (above 18pt) WCAG AA × Fail

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 3DE3E1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

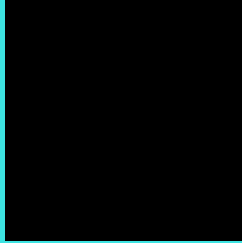
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

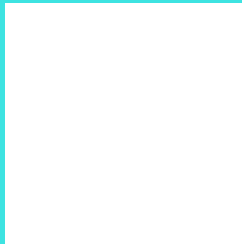
Any Text WCAG AAA ✓ Pass

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

Hex 3DE3E1 Background



This preview shows how black text looks on a background with the Hex color 3DE3E1.

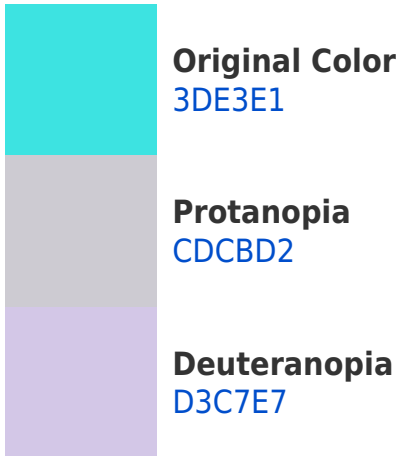


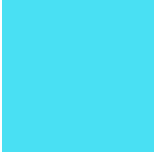
This preview shows how white text looks on a background with the Hex color 3DE3E1.

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
49E0F3

Trichromacy



Original Color
3DE3E1



Protanomaly
99D4D7



Deuteranomaly
9CD1E5

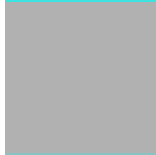


Tritanomaly
45E1EC

Monochromacy



Original Color
3DE3E1



Achromatopsia
B1B1B1



Achromatomaly
87C3C2

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DE3E1 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 #3DE3E1 looks like.

```
.text, #text, p{  
    color:#3DE3E1  
}
```

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 #3DE3E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DE3E1
}
```

Border

The CSS property to change the border of an element to Hex 3DE3E1 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
#3DE3E1 }
```

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

```
.border{ border-color:#3DE3E1 }
```

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

Here you see how a box with a 4 pixel #3DE3E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DE3E1; -webkit-box-shadow:4px 4px  
4px 4px #3DE3E1; box-shadow:4px 4px 4px  
4px #3DE3E1 }
```

Background

The CSS property to change the background color of an element to Hex 3DE3E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DE3E1 }
```

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

```
.background{ background-color:#3DE3E1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor