

Converting Colors

Hex(3DE0EB)

Have a look what the booklet for
Hex(3DE0EB) contains.

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Color

Hex(3DE0EB)

Conversions

Conversions Part 1

Format	Color
Hex	3DE0EB
RGB	61, 224, 235
RGB Percent	24%, 88%, 92%
CMY	0.7608, 0.1216, 0.0784
CMYK	0.74, 0.05, 0.00, 0.08
HSL	184°, 81%, 58%
HSV	184°, 74%, 92%
XYZ	43.5755, 60.3016, 87.9400
YIQ	176.5170, -100.6790, -31.1350

Conversions

Conversions Part 2

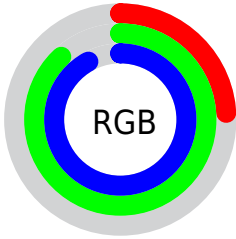
Format	Color
RYB	61, 145, 235
Decimal	4055275
CIELab	82.00, -36.88, -17.29
CIELCh	82, 40.730, 205.112
Yxy	60.3016, 0.2272, 0.3144
Android (android.graphics.Color)	4282245355 (0xFF3DE0EB)
YUV	176.5170, 28.8321, -101.3084
Hunter-Lab	77.6541, -35.7295, -12.7856

Details

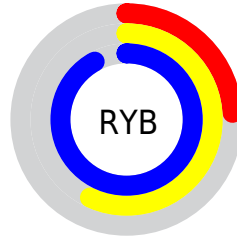
The Hex color **3DE0EB** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **EB483D**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **86FFFF**, and **00A8B3** is the 20% darker color. If you saturate the color by 10%, you get **25DFEB**, and if you desaturate by 10%, it is **55E1EB**.

Distribution



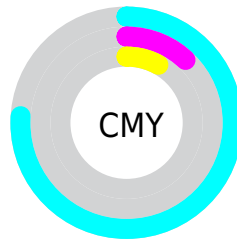
- Red (24%)
- Green (88%)
- Blue (92%)



- Red (24%)
- Yellow (57%)
- Blue (92%)



- Cyan (74%)
- Magenta (5%)
- Yellow (0%)
- Black (8%)



- Cyan (76%)
- Magenta (12%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DE0EB 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 3DE0EB by changing the saturation by 10% instead.

 3DE0EB

 3DE0EB

FFFFFF

 00C4CF

 86FFFF

 00A8B3

 A6FFFF

 008D99

 C6FFFF


 00737F

 E5FFFF

 005A66

 00424E

 002B37

 000F22

 000009

3DE0EB

3DE0EB

25DFEB

55E1EB

0EDDEB

6CE3EB

00DCEB

84E4EB

9BE6EB

B3E7EB

CAE9EB

E2EAEB

F9ECEB

FFEDEB

Harmonies

Analogous

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



68E0C4



3DE0EB



4FDBFF

Triad

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



3DE0EB



F6B7F8



EBC780

Complementary

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



3DE0EB



EB483D

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.



FFBA8F



3DE0EB



FFAFD4

Square

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



3DE0EB



C8C4FF



FFB1AD



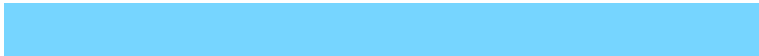
C5D386

Rectangle

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



3DE0EB



76D5FF



FFB1AD



F6C382

Sweetspot

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



3DE0EB



C7FBFF



3DEB46



5E7D80



000000



808080

Same Dimension

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



3DE0EB



1CF1FF



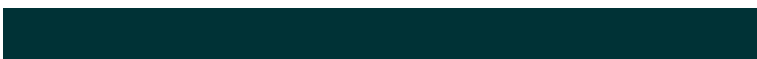
3D8BEB



6A7575



00AAB5



003236

Inverse Universe

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



EB3DE0



FF1CF1



EB9D3D



756A75



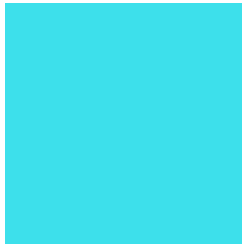
B500AA



360032

Previews

White Background



This preview shows how the Hex color 3DE0EB looks on a white background.

Color Contrast Check

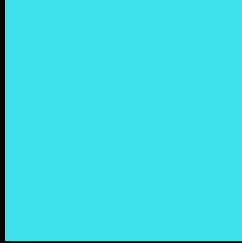
Large Text (above 18pt) WCAG AA × Fail

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 3DE0EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

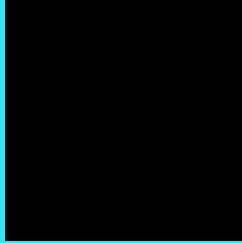
Any Text WCAG AA ✓ Pass

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 3DE0EB Background



This preview shows how black text looks on a background with the Hex color 3DE0EB.

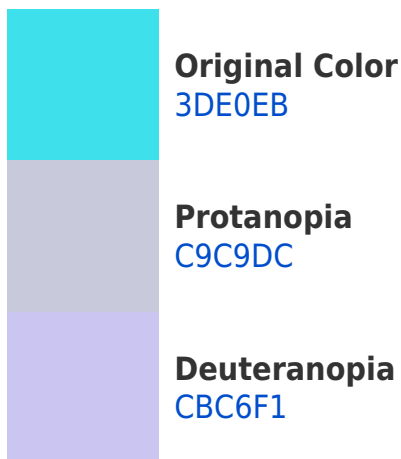


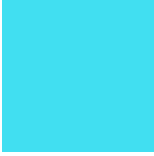
This preview shows how white text looks on a background with the Hex color 3DE0EB.

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
41DFF1

Trichromacy



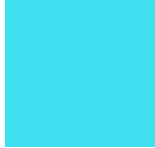
Original Color
3DE0EB



Protanomaly
96D1E1



Deuteranomaly
97CFEF

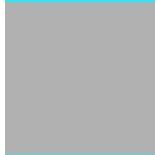


Tritanomaly
40DFEF

Monochromacy



Original Color
3DE0EB



Achromatopsia
B1B1B1



Achromatomaly
87C2C6

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DE0EB 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 #3DE0EB looks like.

```
.text, #text, p{  
    color:#3DE0EB  
}
```

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 #3DE0EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DE0EB
}
```

Border

The CSS property to change the border of an element to Hex 3DE0EB 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
#3DE0EB }
```

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

```
.border{ border-color:#3DE0EB }
```

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

Here you see how a box with a 4 pixel #3DE0EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DE0EB; -webkit-box-shadow:4px 4px  
4px 4px #3DE0EB; box-shadow:4px 4px 4px  
4px #3DE0EB }
```

Background

The CSS property to change the background color of an element to Hex 3DE0EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DE0EB }
```

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

```
.background{ background-color:#3DE0EB }
```

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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