

Converting Colors

Hex(4DE0E3)

Have a look what the booklet for
Hex(4DE0E3) contains.

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Color

Hex(4DE0E3)

Conversions

Conversions Part 1

Format	Color
Hex	4DE0E3
RGB	77, 224, 227
RGB Percent	30%, 88%, 89%
CMY	0.6980, 0.1216, 0.1098
CMYK	0.66, 0.01, 0.00, 0.11
HSL	181°, 73%, 60%
HSV	181°, 66%, 89%
XYZ	43.5814, 60.4351, 82.0412
YIQ	180.3890, -88.5750, -30.2310

Conversions

Conversions Part 2

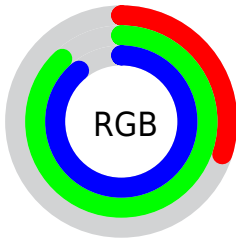
Format	Color
RYB	77, 151, 227
Decimal	5103843
CIELab	82.07, -37.17, -12.90
CIELCh	82, 39.349, 199.137
Yxy	60.4351, 0.2342, 0.3248
Android (android.graphics.Color)	4283293923 (0xFF4DE0E3)
YUV	180.3890, 22.9792, -90.6722
Hunter-Lab	77.7400, -35.9773, -8.1523

Details

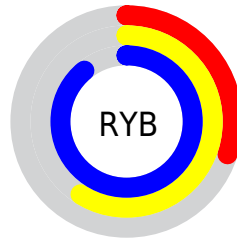
The Hex color **4DE0E3** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E3504D**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **90FFFF**, and **00A8AC** is the 20% darker color. If you saturate the color by 10%, you get **36E0E3**, and if you desaturate by 10%, it is **64E0E3**.

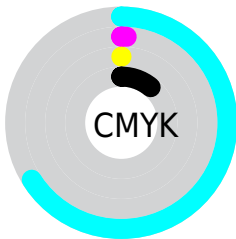
Distribution



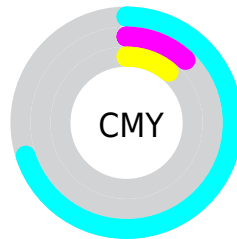
- Red (30%)
- Green (88%)
- Blue (89%)



- Red (30%)
- Yellow (59%)
- Blue (89%)



- Cyan (66%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (70%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4DE0E3 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 4DE0E3 by changing the saturation by 10% instead.

 4DE0E3

 4DE0E3

FFFFFF

 1EC4C7

 90FFFF

 00A8AC

 AFFFFFFF

 008D91

 CEFFFF

 007378

 EDFFFF

 005A5F

 004247

 002B31

 000F1C

 000000

 4DE0E3

 4DE0E3

 36E0E3

 64E0E3

 20DFE3

 7AE1E3

 09DFE3

 91E1E3

 00DEE3

 A8E2E3

 BEE2E3

 D5E3E3

 ECE3E3

 FFE4E3

Harmonies

Analogous

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



76DFBD



4DE0E3



4FDCFF

Triad

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



4DE0E3



EEBAFD



F1C584

Complementary

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



4DE0E3



E3504D

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.



FFB996



4DE0E3



FFB1DB

Square

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



4DE0E3



BEC7FF



FFB1B6



CDD185

Rectangle

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



4DE0E3



70D7FF



FFB1B6



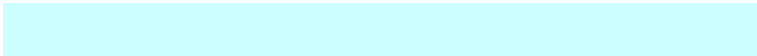
FBC188

Sweetspot

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



4DE0E3



CCFEFF



4DE350



617F80



000000



808080

Same Dimension

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



4DE0E3



36FBFF



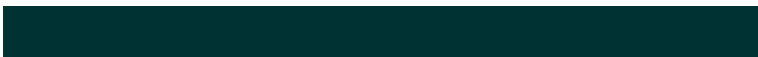
4D96E3



677373



00AFB3



003233

Inverse Universe

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



E34DE0



FF36FB



E39B4D



736773



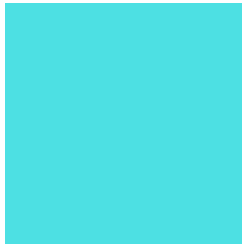
B300AF



330032

Previews

White Background



This preview shows how the Hex color 4DE0E3 looks on a white background.

Color Contrast Check

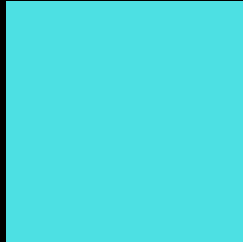
Large Text (above 18pt) WCAG AA × Fail

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 4DE0E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

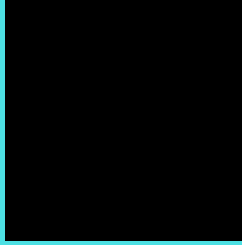
Any Text WCAG AA ✓ Pass

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 4DE0E3 Background



This preview shows how black text looks on a background with the Hex color 4DE0E3.

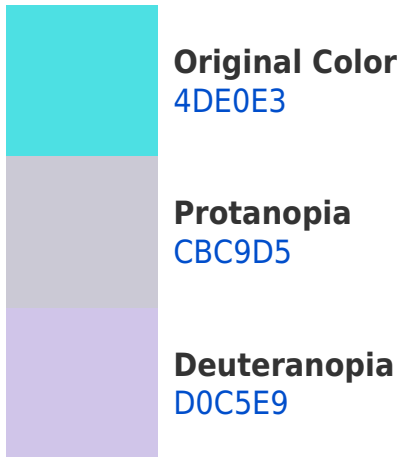


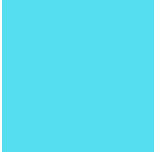
This preview shows how white text looks on a background with the Hex color 4DE0E3.

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
54DEF0

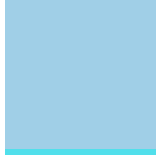
Trichromacy



Original Color
4DE0E3



Protanomaly
9DD1DA



Deuteranomaly
A0CFE7

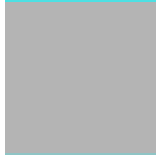


Tritanomaly
51DFEB

Monochromacy



Original Color
4DE0E3



Achromatopsia
B4B4B4



Achromatomaly
8FC4C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DE0E3 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 #4DE0E3 looks like.

```
.text, #text, p{  
    color:#4DE0E3  
}
```

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 #4DE0E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DE0E3
}
```

Border

The CSS property to change the border of an element to Hex 4DE0E3 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
#4DE0E3 }
```

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

```
.border{ border-color:#4DE0E3 }
```

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

Here you see how a box with a 4 pixel #4DE0E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DE0E3; -webkit-box-shadow:4px 4px  
4px 4px #4DE0E3; box-shadow:4px 4px 4px  
4px #4DE0E3 }
```

Background

The CSS property to change the background color of an element to Hex 4DE0E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DE0E3 }
```

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

```
.background{ background-color:#4DE0E3 }
```

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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