

Converting Colors

Hex(00DBE3)

Have a look what the booklet for
Hex(00DBE3) contains.

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Color

Hex(00DBE3)

Conversions

Conversions Part 1

Format	Color
Hex	00DBE3
RGB	0, 219, 227
RGB Percent	0%, 86%, 89%
CMY	1.0000, 0.1412, 0.1098
CMYK	1.00, 0.04, 0.00, 0.11
HSL	182°, 100%, 45%
HSV	182°, 100%, 89%
XYZ	39.1966, 56.2091, 81.4566
YIQ	154.4310, -133.0920, -43.9400

Conversions

Conversions Part 2

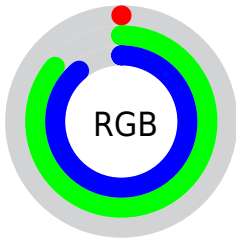
Format	Color
RYB	0, 111, 227
Decimal	56291
CIELab	79.73, -40.47, -16.50
CIELCh	80, 43.707, 202.184
Yxy	56.2091, 0.2216, 0.3178
Android (android.graphics.Color)	4278246371 (0xFF00DBE3)
YUV	154.4310, 35.7765, -135.4360
Hunter-Lab	74.9727, -37.8803, -11.9367

Details

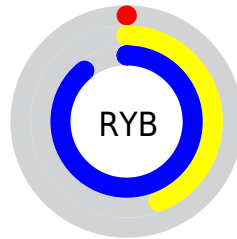
The Hex color **00DBE3** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E30800**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **70FFFF**, and **00A3AC** is the 20% darker color. If you saturate the color by 10%, you get **00DBE3**, and if you desaturate by 10%, it is **17DCE3**.

Distribution



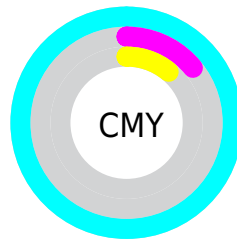
- Red (0%)
- Green (86%)
- Blue (89%)



- Red (0%)
- Yellow (44%)
- Blue (89%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00DBE3 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 00DBE3 by changing the saturation by 10% instead.

 00DBE3

 00DBE3

FFFFFF

 00BFC7


 70FFFF

 00A3AC

 92FFFF

 008891

 B3FFFF


 006E77

 D3FFFF

 00555F

 F3FFFF

 003D47

 002831

 00021D

 000000

 00DBE3

 17DCE3

 2DDDE3

 44DDE3

 5BDEE3

 72DFE3

 88E0E3

 9FE1E3

 B6E1E3

 CCE2E3

Harmonies

Analogous

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



5BDBB9



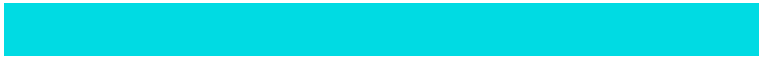
00DBE3



1CD7FF

Triad

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



00DBE3



EFB0F8



EAC074

Complementary

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



00DBE3



E30800

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.



FFB187



00DBE3



FFA7D2

Square

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



00DBE3



BBBFFF



FFA7A9



C2CD79

Rectangle

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



00DBE3



5BD1FF



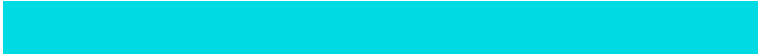
FFA7A9



F5BB78

Sweetspot

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



00DBE3



B3FCFF



00E308



527E80



000000



808080

Same Dimension

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



00DBE3



00F6FF



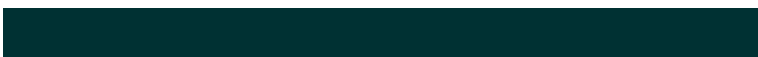
006AE3



677273



00ACB3



003133

Inverse Universe

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



E300DB



FF00F6



E37900



736772



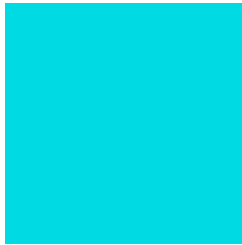
B300AC



330031

Previews

White Background



This preview shows how the Hex color 00DBE3 looks on a white background.

Color Contrast Check

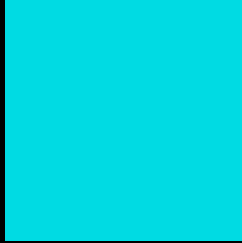
Large Text (above 18pt) WCAG AA × Fail

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 00DBE3 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 00DBE3 Background



This preview shows how black text looks on a background with the Hex color 00DBE3.

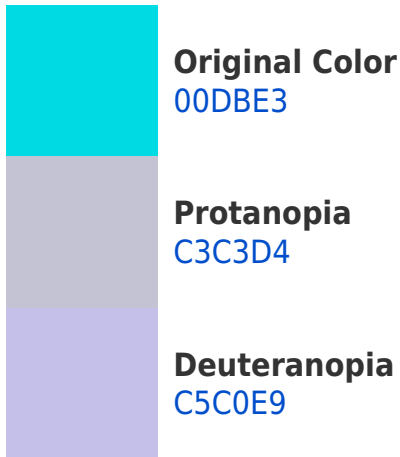


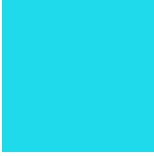
This preview shows how white text looks on a background with the Hex color 00DBE3.

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





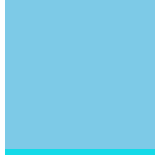
Trichromacy



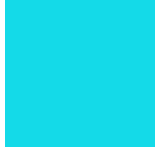
Original Color
00DBE3



Protanomaly
7CCCD9



Deuteranomaly
7DCAE7



Tritanomaly
14DAE8

Monochromacy



Original Color
00DBE3



Achromatopsia
9A9A9A



Achromatomaly
62B2B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 00DBE3 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 #00DBE3 looks like.

```
.text, #text, p{  
    color:#00DBE3  
}
```

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 #00DBE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DBE3
}
```

Border

The CSS property to change the border of an element to Hex 00DBE3 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
#00DBE3 }
```

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

```
.border{ border-color:#00DBE3 }
```

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

Here you see how a box with a 4 pixel #00DBE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DBE3; -webkit-box-shadow:4px 4px  
4px 4px #00DBE3; box-shadow:4px 4px 4px  
4px #00DBE3 }
```

Background

The CSS property to change the background color of an element to Hex 00DBE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DBE3 }
```

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

```
.background{ background-color:#00DBE3 }
```

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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