

Converting Colors

Hex(16E9DC)

Have a look what the booklet for
Hex(16E9DC) contains.

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Color

Hex(16E9DC)

Conversions

Conversions Part 1

Format	Color
Hex	16E9DC
RGB	22, 233, 220
RGB Percent	9%, 91%, 86%
CMY	0.9137, 0.0863, 0.1373
CMYK	0.91, 0.00, 0.06, 0.09
HSL	176°, 83%, 50%
HSV	176°, 91%, 91%
XYZ	42.3881, 63.6157, 77.7551
YIQ	168.4290, -121.5830, -48.7750

Conversions

Conversions Part 2

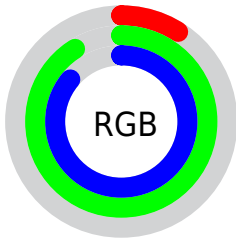
Format	Color
R_{YB}	22, 131, 233
Decimal	1501660
CIE _{Lab}	83.77, -48.02, -6.76
CIE _{LCh}	84, 48.489, 188.011
Yxy	63.6157, 0.2307, 0.3462
Android (android.graphics.Color)	4279691740 (0xFF16E9DC)
YUV	168.4290, 25.4245, -128.4182
Hunter-Lab	79.7595, -44.7155, -1.9684

Details

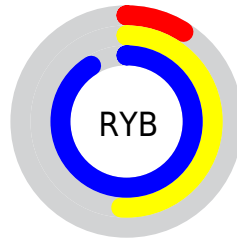
The Hex color **16E9DC** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **E91623**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **75FFFF**, and **00B0A5** is the 20% darker color. If you saturate the color by 10%, you get **00E9DB**, and if you desaturate by 10%, it is **2DE9DD**.

Distribution



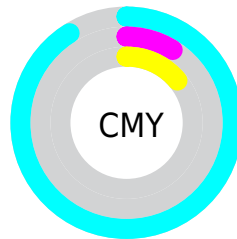
- Red (9%)
- Green (91%)
- Blue (86%)



- Red (9%)
- Yellow (51%)
- Blue (91%)



- Cyan (91%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)



- Cyan (91%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16E9DC 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 16E9DC by changing the saturation by 10% instead.

 16E9DC

 16E9DC

FFFFFF

 00CCCC

 75FFFF

 00B0A5

 97FFFF

 00958B

 B8FFFF

 007A71

 D8FFFF

 006159

 F8FFFF

 004842

 00302C

 001618

 000000

■ 16E9DC

■ 16E9DC

■ 00E9DB

■ 2DE9DD

■ 45E9DF

■ 5CE9E0

■ 73E9E2

■ 8BE9E3

■ A2E9E5

■ B9E9E6

■ D0E9E7

■ E8E9E9

Harmonies

Analogous

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



76E6AD



16E9DC



00E7FF

Triad

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



16E9DC



E6C0FF



FFC27D

Complementary

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



16E9DC



E91623

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.



FFB39B



16E9DC



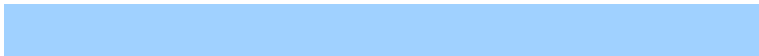
FFB2F4

Square

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



16E9DC



A0D1FF



FFACC6



E2D275

Rectangle

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



16E9DC



00E2FF



FFACC6



FFBD85

Sweetspot

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



16E9DC



BAFFFB



24E916



57807D



000000



808080

Same Dimension

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



16E9DC



00FFEF



168EE9



6A7575



00B5AA



003632

Inverse Universe

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



E91623



FF0010



E97116



756A6A



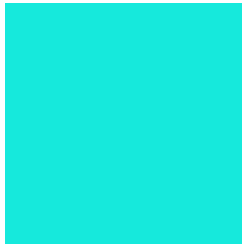
B5000B



360003

Previews

White Background



This preview shows how the Hex color 16E9DC looks on a white background.

Color Contrast Check

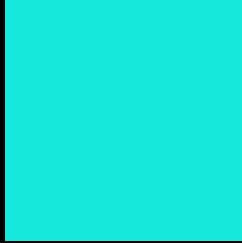
Large Text (above 18pt) WCAG AA × Fail

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 16E9DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

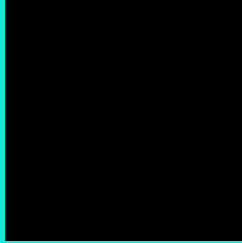
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

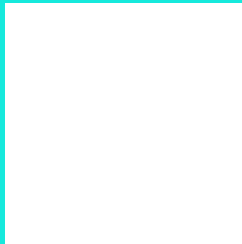
Any Text WCAG AAA ✓ Pass

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

Hex 16E9DC Background



This preview shows how black text looks on a background with the Hex color 16E9DC.

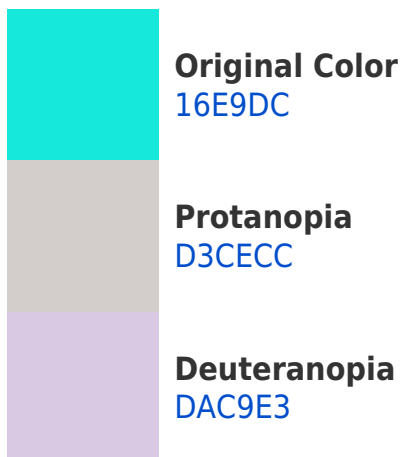


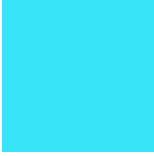
This preview shows how white text looks on a background with the Hex color 16E9DC.

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



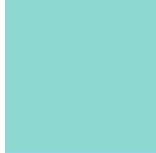


Tritanopia
38E5F8

Trichromacy



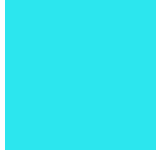
Original Color
16E9DC



Protanomaly
8ED8D2



Deuteranomaly
93D5E0

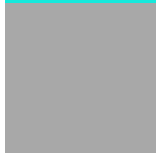


Tritanomaly
2CE6EE

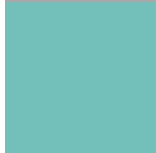
Monochromacy



Original Color
16E9DC



Achromatopsia
A8A8A8



Achromatomaly
73C0BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 16E9DC 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 #16E9DC looks like.

```
.text, #text, p{  
    color:#16E9DC  
}
```

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 #16E9DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16E9DC
}
```

Border

The CSS property to change the border of an element to Hex 16E9DC 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
#16E9DC }
```

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

```
.border{ border-color:#16E9DC }
```

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

Here you see how a box with a 4 pixel #16E9DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16E9DC; -webkit-box-shadow:4px 4px  
4px 4px #16E9DC; box-shadow:4px 4px 4px  
4px #16E9DC }
```

Background

The CSS property to change the background color of an element to Hex 16E9DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16E9DC }
```

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

```
.background{ background-color:#16E9DC }
```

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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