

Converting Colors

Hex(00ECE6)

Have a look what the booklet for
Hex(00ECE6) contains.

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Color

Hex(00ECE6)

Conversions

Conversions Part 1

Format	Color
Hex	00ECE6
RGB	0, 236, 230
RGB Percent	0%, 93%, 90%
CMY	1.0000, 0.0745, 0.0980
CMYK	1.00, 0.00, 0.03, 0.07
HSL	178°, 100%, 46%
HSV	178°, 100%, 93%
XYZ	44.2784, 65.7041, 85.2114
YIQ	164.7520, -138.7300, -51.8980

Conversions

Conversions Part 2

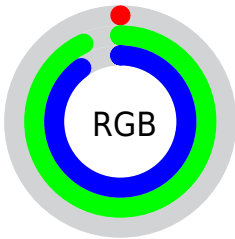
Format	Color
RYB	0, 120, 236
Decimal	60646
CIELab	84.85, -47.07, -10.44
CIELCh	85, 48.217, 192.500
Yxy	65.7041, 0.2268, 0.3366
Android (android.graphics.Color)	4278250726 (0xFF00ECE6)
YUV	164.7520, 32.1673, -144.4875
Hunter-Lab	81.0581, -44.3450, -5.5873

Details

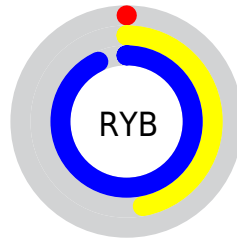
The Hex color **00ECE6** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **EC0006**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **73FFFF**, and **00B3AF** is the 20% darker color. If you saturate the color by 10%, you get **00ECE6**, and if you desaturate by 10%, it is **18ECE7**.

Distribution



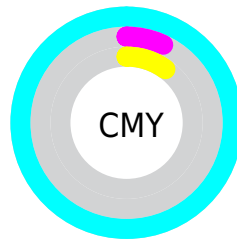
- Red (0%)
- Green (93%)
- Blue (90%)



- Red (0%)
- Yellow (47%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (100%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00ECE6 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 00ECE6 by changing the saturation by 10% instead.

 00ECE6

FFFFFF

 73FFFF

 96FFFF

 B7FFFF

 D7FFFF

 F8FFFF

 00ECE6

 00CFCA

 00B3AF

 009894

 007D7A

 006361

 004A4A

 003333

 001A1E

 000004

 00ECE6

 18ECE7

 2FECE7

 47ECE8

 5EECE8

 76ECE9

 8EECEA

 A5ECEA

 BDECEB

 D4ECEB

Harmonies

Analogous

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



70EAB7



00ECE6



00E9FF

Triad

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



00ECE6



F1C1FF



FFC87D

Complementary

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



00ECE6



EC0006

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.



FFB998



00ECE6



FFB3F0

Square

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



00ECE6



AFD2FF



FFB0C2



DED779

Rectangle

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



00ECE6



2FE4FF



FFB0C2



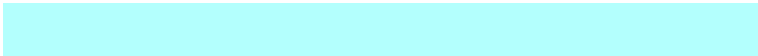
FFC284

Sweetspot

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



00ECE6



B3FFFD



08EC00



52807E



000000



808080

Same Dimension

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



00ECE6



00FFF9



007EEC



6A7575



00B5B0



003634

Inverse Universe

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



EC0006



FF0006



EC6E00



756A6A



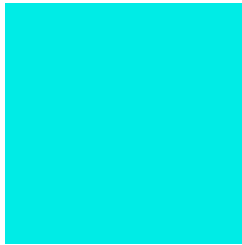
B50005



360001

Previews

White Background



This preview shows how the Hex color 00ECE6 looks on a white background.

Color Contrast Check

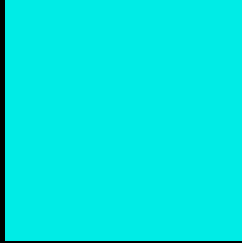
Large Text (above 18pt) WCAG AA × Fail

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 00ECE6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

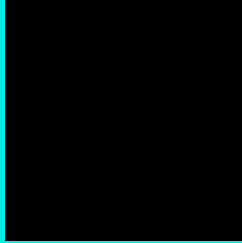
Any Text WCAG AA ✓ Pass

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 00ECE6 Background



This preview shows how black text looks on a background with the Hex color 00ECE6.

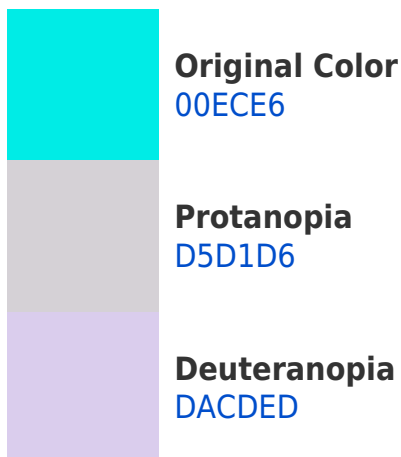


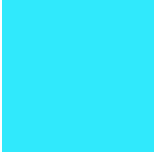
This preview shows how white text looks on a background with the Hex color 00ECE6.

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
30E9FC

Trichromacy



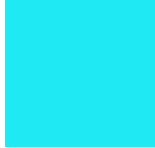
Original Color
00ECE6



Protanomaly
88DBDC



Deuteranomaly
8BD8EA

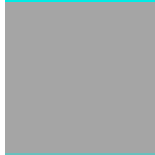


Tritanomaly
1FEAF4

Monochromacy



Original Color
00ECE6



Achromatopsia
A5A5A5



Achromatomaly
69BFBD

CSS Examples

Text

The CSS property to change the color of the text to Hex 00ECE6 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 #00ECE6 looks like.

```
.text, #text, p{  
    color:#00ECE6  
}
```

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 #00ECE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00ECE6
}
```

Border

The CSS property to change the border of an element to Hex 00ECE6 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
#00ECE6 }
```

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

```
.border{ border-color:#00ECE6 }
```

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

Here you see how a box with a 4 pixel #00ECE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00ECE6; -webkit-box-shadow:4px 4px  
4px 4px #00ECE6; box-shadow:4px 4px 4px  
4px #00ECE6 }
```

Background

The CSS property to change the background color of an element to Hex 00ECE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00ECE6 }
```

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

```
.background{ background-color:#00ECE6 }
```

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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