

Converting Colors

Hex(06E7D6)

Have a look what the booklet for
Hex(06E7D6) contains.

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Color

Hex(06E7D6)

Conversions

Conversions Part 1

Format	Color
Hex	06E7D6
RGB	6, 231, 214
RGB Percent	2%, 91%, 84%
CMY	0.9765, 0.0941, 0.1608
CMYK	0.97, 0.00, 0.07, 0.09
HSL	175°, 95%, 46%
HSV	175°, 97%, 91%
XYZ	40.7886, 62.0456, 73.4445
YIQ	161.7870, -128.6430, -52.9870

Conversions

Conversions Part 2

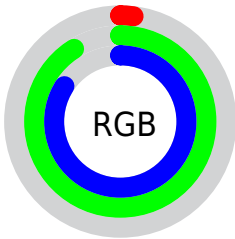
Format	Color
R _{YB}	6, 123, 231
Decimal	452566
CIE Lab	82.94, -49.31, -4.82
CIE LCh	83, 49.549, 185.580
Yxy	62.0456, 0.2314, 0.3520
Android (android.graphics.Color)	4278642646 (0xFF06E7D6)
YUV	161.7870, 25.7410, -136.6252
Hunter-Lab	78.7690, -45.4139, -0.1439

Details

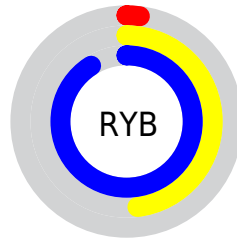
The Hex color **06E7D6** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **E70617**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **72FFFF**, and **00AE9F** is the 20% darker color. If you saturate the color by 10%, you get **00E7D6**, and if you desaturate by 10%, it is **1DE7D8**.

Distribution



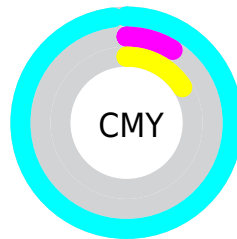
- Red (2%)
- Green (91%)
- Blue (84%)



- Red (2%)
- Yellow (48%)
- Blue (91%)



- Cyan (97%)
- Magenta (0%)
- Yellow (7%)
- Black (9%)



- Cyan (98%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06E7D6 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 06E7D6 by changing the saturation by 10% instead.

 06E7D6

 06E7D6


FFFFFF

 00CABA

 72FFFF

 00AE9F

 94FFFF

 009385

 B4FFFF


 00796C

 D4FFFF

 005F54

 F4FFFF

 00463D

 002F27

 001313

 000000

 06E7D6

 06E7D6

 00E7D6


 1DE7D8

 34E7D9

 4BE7DB

 62E7DD

 7AE7DF

 91E7E0

 A8E7E2

 BFE7E4

 D6E7E6

Harmonies

Analogous

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



77E4A6



06E7D6



00E5FF

Triad

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



06E7D6



DFBFFF



FFBE7A

Complementary

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



06E7D6



E70617

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.



FFAF9B



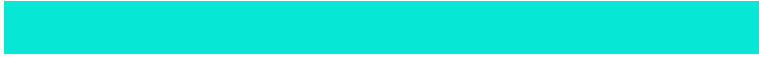
06E7D6



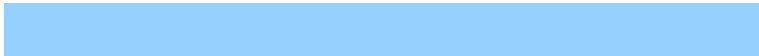
FFAFF6

Square

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



06E7D6



95D0FF



FFA9C7



E4CF70

Rectangle

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



06E7D6



00E1FF



FFA9C7



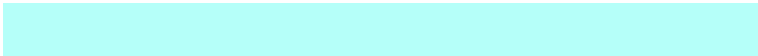
FFB983

Sweetspot

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



06E7D6



B5FFF9



19E706



53807C



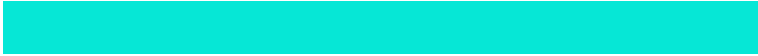
000000



808080

Same Dimension

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



06E7D6



00FFEC



0689E7



677372



00B3A5



00332F

Inverse Universe

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



E70617



FF0013



E76406



736768



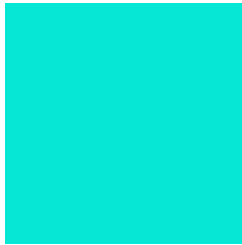
B3000D



330004

Previews

White Background



This preview shows how the Hex color 06E7D6 looks on a white background.

Color Contrast Check

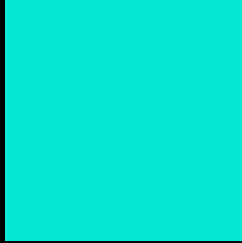
Large Text (above 18pt) WCAG AA × Fail

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 06E7D6 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 06E7D6 Background



This preview shows how black text looks on a background with the Hex color 06E7D6.



This preview shows how white text looks on a background with the Hex color 06E7D6.

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
37E2F5

Trichromacy



Original Color
06E7D6



Protanomaly
88D6CC



Deuteranomaly
8CD3DA

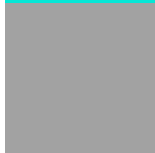


Tritanomaly
25E4EA

Monochromacy



Original Color
06E7D6



Achromatopsia
A2A2A2



Achromatomaly
69BBB5

CSS Examples

Text

The CSS property to change the color of the text to Hex 06E7D6 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 #06E7D6 looks like.

```
.text, #text, p{  
    color:#06E7D6  
}
```

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 #06E7D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06E7D6
}
```

Border

The CSS property to change the border of an element to Hex 06E7D6 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
#06E7D6 }
```

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

```
.border{ border-color:#06E7D6 }
```

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

Here you see how a box with a 4 pixel #06E7D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06E7D6; -webkit-box-shadow:4px 4px  
4px 4px #06E7D6; box-shadow:4px 4px 4px  
4px #06E7D6 }
```

Background

The CSS property to change the background color of an element to Hex 06E7D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06E7D6 }
```

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

```
.background{ background-color:#06E7D6 }
```

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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