

# Converting Colors

Hex(07DEED)

Have a look what the booklet for  
Hex(07DEED) contains.

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# **Color**

**Hex(07DEED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	07DEED
RGB	7, 222, 237
RGB Percent	3%, 87%, 93%
CMY	0.9725, 0.1294, 0.0706
CMYK	0.97, 0.06, 0.00, 0.07
HSL	184°, 94%, 48%
HSV	184°, 97%, 93%
XYZ	41.4950, 58.4021, 89.2065
YIQ	159.4250, -132.9550, -40.9150

# Conversions

## Conversions Part 2

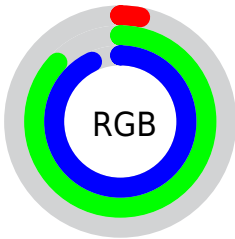
Format	Color
<a href="#">RYB</a>	<a href="#">7, 118, 237</a>
Decimal	<a href="#">515821</a>
CIELab	<a href="#">80.96, -38.63, -19.97</a>
CIELCh	<a href="#">81, 43.489, 207.333</a>
Yxy	<a href="#">58.4021, 0.2194, 0.3088</a>
Android (android.graphics.Color)	<a href="#">4278705901</a> ( <a href="#">0xFF07DEED</a> )
YUV	<a href="#">159.4250, 38.2445, -133.6767</a>
Hunter-Lab	<a href="#">76.4213, -36.8160, -15.7142</a>

# Details

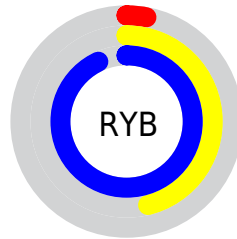
The Hex color **07DEED** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **ED1607**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **73FFFF**, and **00A6B5** is the 20% darker color. If you saturate the color by 10%, you get **00DEED**, and if you desaturate by 10%, it is **1FE0ED**.

# Distribution



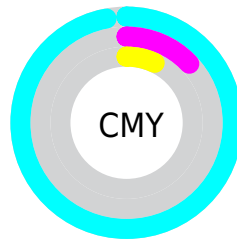
- Red (3%)
- Green (87%)
- Blue (93%)



- Red (3%)
- Yellow (46%)
- Blue (93%)



- Cyan (97%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (97%)
- Magenta (13%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 07DEED 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 07DEED by changing the saturation by 10% instead.



 07DEED

 07DEED

FFFFFF

 00C2D1

 73FFFF

 00A6B5

 95FFFF

 008B9A

 B6FFFF

 007180

 D6FFFF

 005867

 F6FFFF

 00404F

 002A38

 000923

 00000B

 07DEED

 07DEED

 00DEED

 1FE0ED

 36E1ED

 4EE3ED

 66E4ED

 7EE6ED

 95E7ED

 ADE9ED

 C5EAED

 DCECED

# Harmonies

## Analogous

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



55DEC4



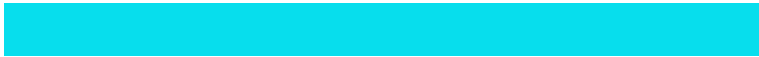
07DEED



39D9FF

# Triad

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



07DEED



F9B2F6



E7C577

# Complementary

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



07DEED



ED1607

# 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.



FFB786



07DEED



FFA9CE

# Square

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



07DEED



C8C0FF



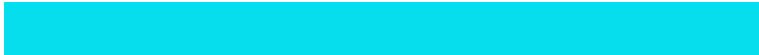
FFACA6



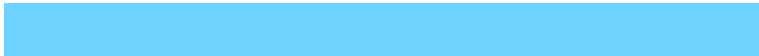
BDD27F

# Rectangle

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



07DEED



6ED2FF



FFACA6

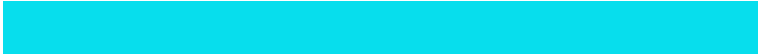


F3C17A



# Sweetspot

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



07DEED



B5FAFF



07ED12



537D80



000000



808080



# Same Dimension

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



07DEED



00EEFF



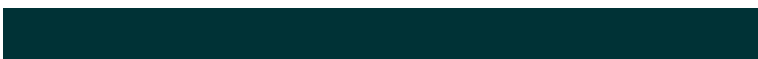
076FED



6A7575



00A9B5



003236



# Inverse Universe

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



ED07DE



FF00EE



ED8507



756A75



B500A9

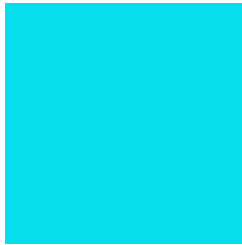


360032



# Previews

## White Background



This preview shows how the Hex color 07DEED looks on a white background.

## Color Contrast Check

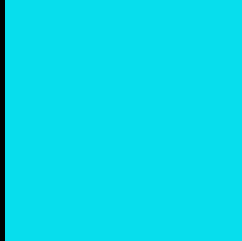
Large Text (above 18pt) WCAG AA × Fail

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 07DEED 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 07DEED Background



This preview shows how black text looks on a background with the Hex color 07DEED.

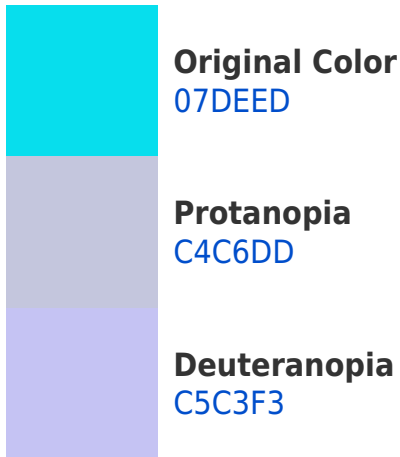


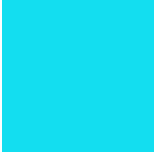
This preview shows how white text looks on a background with the Hex color 07DEED.

# 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



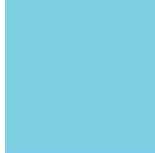


**Tritanopia**  
13DEF0

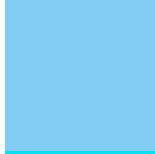
# Trichromacy



**Original Color**  
07DEED



**Protanomaly**  
7FCFE3



**Deuteranomaly**  
80CDF1

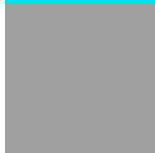


**Tritanomaly**  
0FDEEF

# Monochromacy



**Original Color**  
07DEED



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
68B6BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 07DEED 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 #07DEED looks like.

```
.text, #text, p{  
  color:#07DEED  
}
```

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 #07DEED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07DEED
}
```

## Border

The CSS property to change the border of an element to Hex 07DEED 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
#07DEED }
```

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

```
.border{ border-color:#07DEED }
```

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

Here you see how a box with a 4 pixel #07DEED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07DEED; -webkit-box-shadow:4px 4px  
4px 4px #07DEED; box-shadow:4px 4px 4px  
4px #07DEED }
```

# Background

The CSS property to change the background color of an element to Hex 07DEED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07DEED }
```

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

```
.background{ background-color:#07DEED }
```

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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