

Converting Colors

Hex(07D4E1)

Have a look what the booklet for
Hex(07D4E1) contains.

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Color

Hex(07D4E1)

Conversions

Conversions Part 1

Format	Color
Hex	07D4E1
RGB	7, 212, 225
RGB Percent	3%, 83%, 88%
CMY	0.9725, 0.1686, 0.1176
CMYK	0.97, 0.06, 0.00, 0.12
HSL	184°, 94%, 45%
HSV	184°, 97%, 88%
XYZ	37.2217, 52.5684, 79.4191
YIQ	152.1870, -126.3530, -39.4170

Conversions

Conversions Part 2

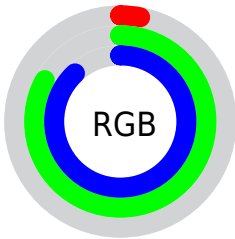
Format	Color
RYB	7, 113, 225
Decimal	513249
CIELab	77.62, -37.72, -18.62
CIELCh	78, 42.067, 206.271
Yxy	52.5684, 0.2200, 0.3107
Android (android.graphics.Color)	4278703329 (0xFF07D4E1)
YUV	152.1870, 35.8968, -127.3290
Hunter-Lab	72.5041, -35.2448, -14.1919

Details

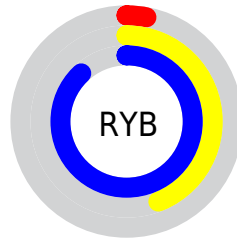
The Hex color **07D4E1** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E11407**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **70FFFF**, and **009DAA** is the 20% darker color. If you saturate the color by 10%, you get **00D4E1**, and if you desaturate by 10%, it is **1ED5E1**.

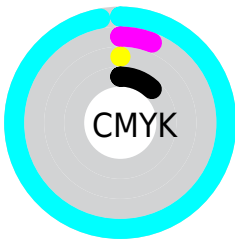
Distribution



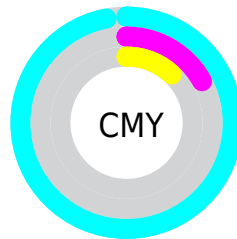
- Red (3%)
- Green (83%)
- Blue (88%)



- Red (3%)
- Yellow (44%)
- Blue (88%)



- Cyan (97%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)



- Cyan (97%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07D4E1 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 07D4E1 by changing the saturation by 10% instead.

 07D4E1

 07D4E1


FFFFFF

 00B8C5

 70FFFF

 009DAA

 92FFFF

 00828F

 B2FFFF

 006876

 D2FFFF

 00505D

 F1FFFF

 003845

 00232F

 00011B

 000000

07D4E1

07D4E1

00D4E1

1ED5E1

34D7E1

4BD8E1

61D9E1

77DBE1

8EDCE1

A5DDE1

BBD FE1

D2E0E1

Harmonies

Analogous

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



52D4B9



07D4E1



32CFFF

Triad

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



07D4E1



ECAAEC



DEBC71

Complementary

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



07D4E1



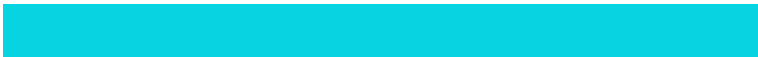
E11407

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.



FCAE80



07D4E1



FFA2C6

Square

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



07D4E1



BDB7FF



FFA49F



B6C878

Rectangle

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



07D4E1



66C9FF



FFA49F



E9B774

Sweetspot

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



07D4E1



B5FBFF



07E112



537D80



000000



808080

Same Dimension

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



07D4E1



00F0FF



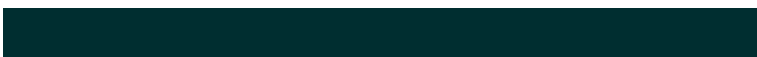
0769E1



657070



00A5B0



002E30

Inverse Universe

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



E107D4



FF00F0



E17F07



706570



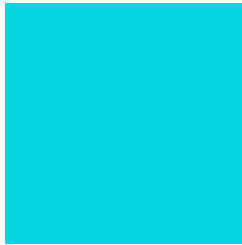
B000A5



30002E

Previews

White Background



This preview shows how the Hex color 07D4E1 looks on a white background.

Color Contrast Check

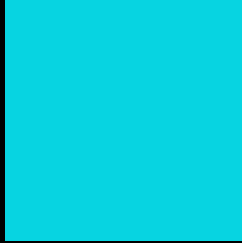
Large Text (above 18pt) WCAG AA × Fail

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 07D4E1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

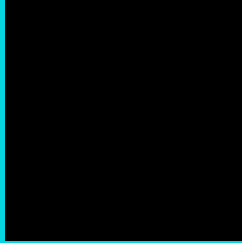
Any Text WCAG AA ✓ Pass

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 07D4E1 Background



This preview shows how black text looks on a background with the Hex color 07D4E1.

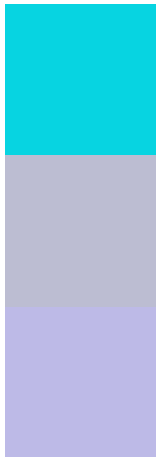


This preview shows how white text looks on a background with the Hex color 07D4E1.

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](#).

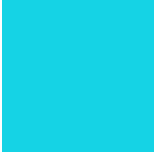
Dichromacy



Original Color
07D4E1

Protanopia
BCBDD2

Deuteranopia
BDBAE7

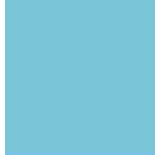


Tritanopia
15D3E5

Trichromacy



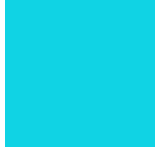
Original Color
07D4E1



Protanomaly
7AC5D7



Deuteranomaly
7BC3E5



Tritanomaly
10D3E4

Monochromacy



Original Color
07D4E1



Achromatopsia
989898



Achromatomaly
63AEB3

CSS Examples

Text

The CSS property to change the color of the text to Hex 07D4E1 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 #07D4E1 looks like.

```
.text, #text, p{  
    color:#07D4E1  
}
```

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 #07D4E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07D4E1
}
```

Border

The CSS property to change the border of an element to Hex 07D4E1 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
#07D4E1 }
```

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

```
.border{ border-color:#07D4E1 }
```

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

Here you see how a box with a 4 pixel #07D4E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07D4E1; -webkit-box-shadow:4px 4px  
4px 4px #07D4E1; box-shadow:4px 4px 4px  
4px #07D4E1 }
```

Background

The CSS property to change the background color of an element to Hex 07D4E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07D4E1 }
```

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

```
.background{ background-color:#07D4E1 }
```

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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