

Converting Colors

Hex(00D1E4)

Have a look what the booklet for
Hex(00D1E4) contains.

Hex(00D1E4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00D1E4)

Conversions

Conversions Part 1

Format	Color
Hex	00D1E4
RGB	0, 209, 228
RGB Percent	0%, 82%, 89%
CMY	1.0000, 0.1804, 0.1059
CMYK	1.00, 0.08, 0.00, 0.11
HSL	185°, 100%, 45%
HSV	185°, 100%, 89%
XYZ	36.8041, 51.2024, 81.3421
YIQ	148.6750, -130.6630, -38.3990

Conversions

Conversions Part 2

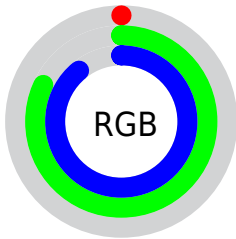
Format	Color
RYB	0, 109, 228
Decimal	53732
CIELab	76.80, -35.57, -21.47
CIELCh	77, 41.548, 211.118
Yxy	51.2024, 0.2173, 0.3023
Android (android.graphics.Color)	4278243812 (0xFF00D1E4)
YUV	148.6750, 39.1072, -130.3880
Hunter-Lab	71.5558, -33.4129, -17.3096

Details

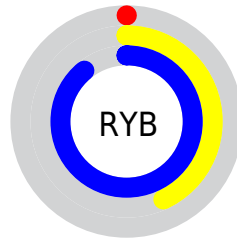
The Hex color **00D1E4** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E41300**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6FFFFFF**, and **009AAD** is the 20% darker color. If you saturate the color by 10%, you get **00D1E4**, and if you desaturate by 10%, it is **17D3E4**.

Distribution



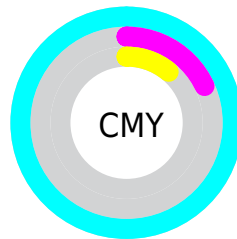
- Red (0%)
- Green (82%)
- Blue (89%)



- Red (0%)
- Yellow (43%)
- Blue (89%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D1E4 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 00D1E4 by changing the saturation by 10% instead.

 00D1E4

 00D1E4

FFFFFF

 00B5C8

 6FFFFFF

 009AAD

 91FFFF

 008092

 B1FFFF

 006678

 D1FFFF

 004D5F

 F1FFFF

 003648

 002131

 00021C

 000000

 00D1E4

 17D3E4

 2ED5E4

 44D7E4

 5BD9E4

 72DBE4

 89DCE4

 A0DEE4

 B6E0E4

 CDE2E4

Harmonies

Analogous

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



48D2BE



00D1E4



3FCBFF

Triad

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



00D1E4



EFA6E3



D5BC70

Complementary

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



00D1E4



E41300

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.



F5AE7B



00D1E4



FF9FBE

Square

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



00D1E4



C4B3FF



FFA398



ADC77A

Rectangle

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



00D1E4



71C5FF



FFA398



E1B771

Sweetspot

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



00D1E4



B3F9FF



00E413



527C80



000000



808080

Same Dimension

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



00D1E4



00EAFB



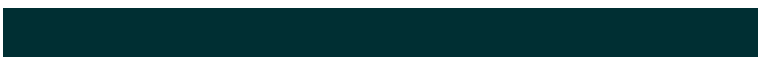
005FE4



677273



00A4B3



002F33

Inverse Universe

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



E400D1



FF00EA



E48500



736772



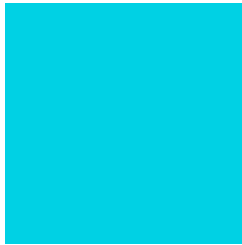
B300A4



33002F

Previews

White Background



This preview shows how the Hex color 00D1E4 looks on a white background.

Color Contrast Check

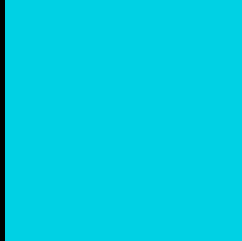
Large Text (above 18pt) WCAG AA × Fail

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 00D1E4 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 00D1E4 Background



This preview shows how black text looks on a background with the Hex color 00D1E4.

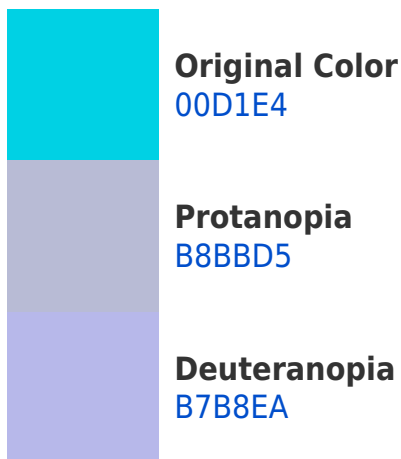


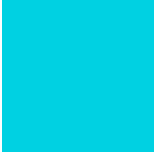
This preview shows how white text looks on a background with the Hex color 00D1E4.

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



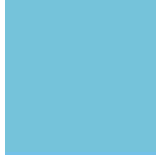


Tritanopia
00D1E2

Trichromacy



Original Color
00D1E4



Protanomaly
75C3DA



Deuteranomaly
74C1E8

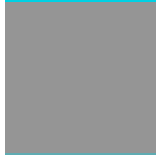


Tritanomaly
00D1E3

Monochromacy



Original Color
00D1E4



Achromatopsia
959595



Achromatomaly
5FABB2

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D1E4 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 #00D1E4 looks like.

```
.text, #text, p{  
    color:#00D1E4  
}
```

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 #00D1E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D1E4
}
```

Border

The CSS property to change the border of an element to Hex 00D1E4 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
#00D1E4 }
```

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

```
.border{ border-color:#00D1E4 }
```

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

Here you see how a box with a 4 pixel #00D1E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D1E4; -webkit-box-shadow:4px 4px  
4px 4px #00D1E4; box-shadow:4px 4px 4px  
4px #00D1E4 }
```

Background

The CSS property to change the background color of an element to Hex 00D1E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D1E4 }
```

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

```
.background{ background-color:#00D1E4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor