

Converting Colors

Hex(00D7F4)

Have a look what the booklet for
Hex(00D7F4) contains.

Hex(00D7F4)	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(00D7F4)

Conversions

Conversions Part 1

Format	Color
Hex	00D7F4
RGB	0, 215, 244
RGB Percent	0%, 84%, 96%
CMY	1.0000, 0.1569, 0.0431
CMYK	1.00, 0.12, 0.00, 0.04
HSL	187°, 100%, 48%
HSV	187°, 100%, 96%
XYZ	40.6296, 55.1325, 94.0882
YIQ	154.0210, -137.4490, -36.5610

Conversions

Conversions Part 2

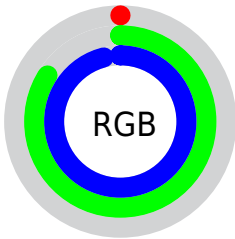
Format	Color
RYB	0, 114, 244
Decimal	55284
CIELab	79.12, -33.34, -26.50
CIELCh	79, 42.589, 218.481
Yxy	55.1325, 0.2140, 0.2904
Android (android.graphics.Color)	4278245364 (0xFF00D7F4)
YUV	154.0210, 44.3596, -135.0764
Hunter-Lab	74.2513, -32.2663, -23.1540

Details

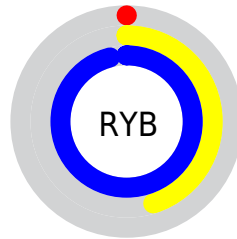
The Hex color **00D7F4** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F41D00**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **72FFFF**, and **00A0BC** is the 20% darker color. If you saturate the color by 10%, you get **00D7F4**, and if you desaturate by 10%, it is **18DAF4**.

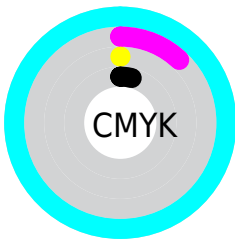
Distribution



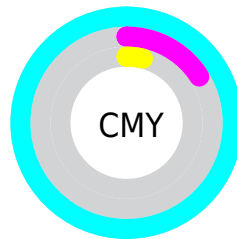
- Red (0%)
- Green (84%)
- Blue (96%)



- Red (0%)
- Yellow (45%)
- Blue (96%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D7F4 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 00D7F4 by changing the saturation by 10% instead.

 00D7F4

 00D7F4

FFFFFF

 00BBD8

 72FFFF

 00A0BC

 94FFFF

 0085A1

 B5FFFF

 006C86

 D6FFFF

 00536D

 F6FFFF

 003B55

 00263D

 000328

 000111

 00D7F4

 18DAF4

 31DDF4

 49E0F4

 62E3F4

 7AE6F4

 92E8F4

 ABEBF4

 C3EEF4

 DCF1F4

Harmonies

Analogous

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



3BD9CE



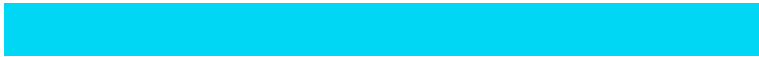
00D7F4



55D0FF

Triad

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



00D7F4



FFA9E2



D3C574

Complementary

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



00D7F4



F41D00

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.



F6B87B



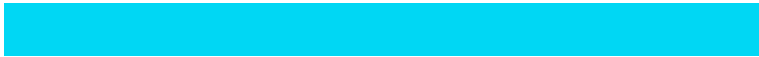
00D7F4



FFA5BA

Square

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



00D7F4



D7B5FF



FFAB95



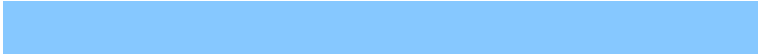
A8D084

Rectangle

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



00D7F4



86C8FF



FFAB95



E0C174

Sweetspot

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



00D7F4



B3F6FF



00F41C



527A80



000000



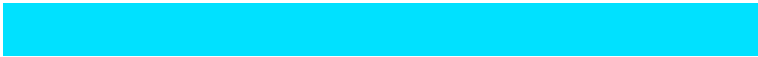
808080

Same Dimension

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



00D7F4



00E1FF



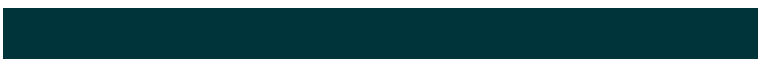
005EF4



6E797A



00A4BA



00343B

Inverse Universe

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



F400D7



FF00E1



F49600



7A6E79



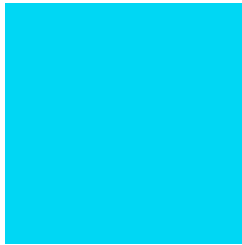
BA00A4



3B0034

Previews

White Background



This preview shows how the Hex color 00D7F4 looks on a white background.

Color Contrast Check

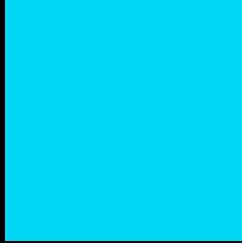
Large Text (above 18pt) WCAG AA × Fail

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 00D7F4 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 00D7F4 Background



This preview shows how black text looks on a background with the Hex color 00D7F4.

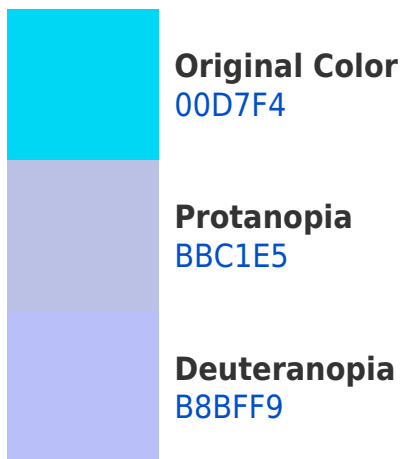


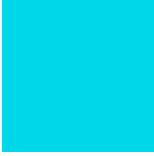
This preview shows how white text looks on a background with the Hex color 00D7F4.

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
00D8EA

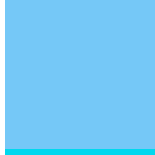
Trichromacy



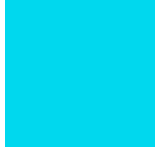
Original Color
00D7F4



Protanomaly
77C9EA



Deuteranomaly
75C8F7



Tritanomaly
00D8EE

Monochromacy



Original Color
00D7F4



Achromatopsia
9A9A9A



Achromatomaly
62B0BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D7F4 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 #00D7F4 looks like.

```
.text, #text, p{  
    color:#00D7F4  
}
```

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 #00D7F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D7F4
}
```

Border

The CSS property to change the border of an element to Hex 00D7F4 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
#00D7F4 }
```

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

```
.border{ border-color:#00D7F4 }
```

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

Here you see how a box with a 4 pixel #00D7F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D7F4; -webkit-box-shadow:4px 4px  
4px 4px #00D7F4; box-shadow:4px 4px 4px  
4px #00D7F4 }
```

Background

The CSS property to change the background color of an element to Hex 00D7F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D7F4 }
```

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

```
.background{ background-color:#00D7F4 }
```

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