

Converting Colors

Hex(2CFFF4)

Have a look what the booklet for
Hex(2CFFF4) contains.

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Color

Hex(2CFFF4)

Conversions

Conversions Part 1	
Format	Color
Hex	2CFFF4
RGB	44, 255, 244
RGB Percent	17%, 100%, 96%
CMY	0.8275, 0.0000, 0.0431
CMYK	0.83, 0.00, 0.04, 0.00
HSL	177°, 100%, 59%
HSV	177°, 83%, 100%
XYZ	53.1278, 78.5871, 97.9567
YIQ	190.6570, -122.2250, -48.1530

Conversions

Conversions Part 2

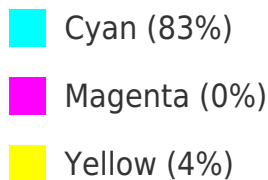
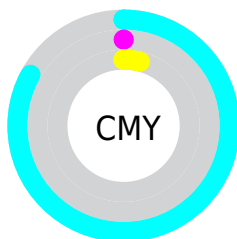
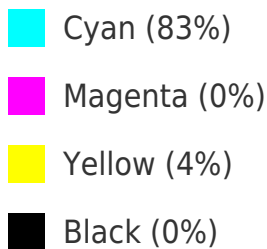
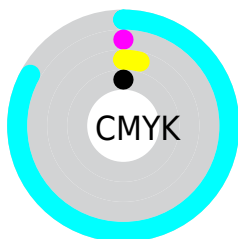
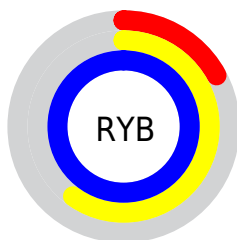
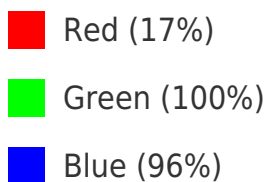
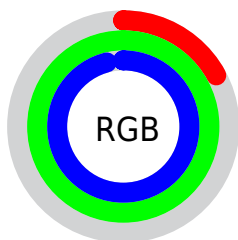
Format	Color
RYB	44, 152, 255
Decimal	2949108
CIELab	91.05, -49.54, -8.51
CIELCh	91, 50.261, 189.747
Yxy	78.5871, 0.2313, 0.3422
Android (android.graphics.Color)	4281139188 (0xFF2CFFF4)
YUV	190.6570, 26.2981, -128.6182
Hunter-Lab	88.6494, -48.1608, -3.4603

Details

The Hex color **2CFFF4** 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 **FF2C37**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **83FFFF**, and **00C5BC** is the 20% darker color. If you saturate the color by 10%, you get **13FFF3**, and if you desaturate by 10%, it is **46FFF5**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 2CFFF4 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 2CFFF4 by changing the saturation by 10% instead.

 2CFFF4

 2CFFF4

FFFFFF

 00E2D8

 83FFFF

 00C5BC

 A5FFFF

 00AAA1

 C6FFFF

 008E87

 E6FFFF

 00746E

 005A55

 00413E

 002C28

 000815

 2CFFF4

 2CFFF4

 13FFF3

 46FFF5

 00FFF2

 5FFFF7

 79FFF8

 92FFF9

 ACFFFB

 C5FFFC

 DFFFFD

 F8FFFF

FFFFFF

Harmonies

Analogous

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



83FCC2



2CFFF4



00FCFF

Triad

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



2CFFF4



FFD3FF



FFD78B

Complementary

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



2CFFF4



FF2C37

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.



FFC7AA



2CFFF4



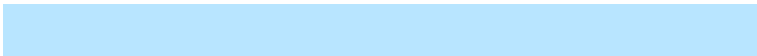
FFC4FF

Square

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



2CFFF4



B8E5FF



FFBFD7



F5E885

Rectangle

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



2CFFF4



32F7FF



FFBFD7



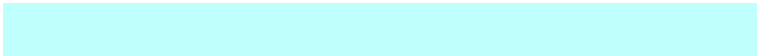
FFD193

Sweetspot

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



2CFFF4



BFFFFC



3AFF2C



59807E



000000



808080

Same Dimension

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



2CFFF4



03FFF2



2CA4FF



73807F



00BFB5



00403C

Inverse Universe

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



FF2C37



FF0310



FF872C



807373



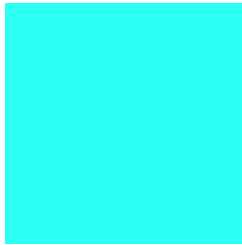
BF000A



400003

Previews

White Background



This preview shows how the Hex color 2CFFF4 looks on a white background.

Color Contrast Check

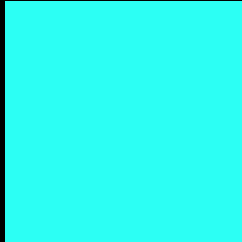
Large Text (above 18pt) WCAG AA × Fail

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 2CFFF4 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

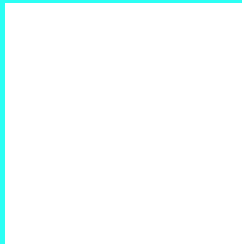
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2CFFF4 Background



This preview shows how black text looks on a background with the Hex color 2CFFF4.



This preview shows how white text looks on a background with the Hex color 2CFFF4.

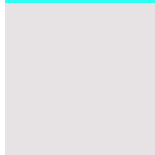
Color Blindness Simulation

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](#).

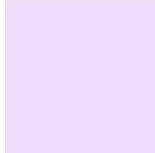
Dichromacy



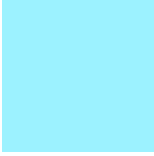
Original Color
2CFFF4



Protanopia
E7E2E3



Deuteranopia
EEDDFB



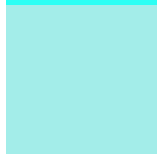
Tritanopia
9CF2FF

Trichromacy



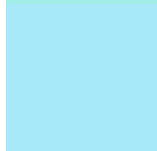
Original Color

2CFFF4



Protanomaly

A3EDE9



Deuteranomaly

A7E9F8



Tritanomaly

73F7FB

Monochromacy



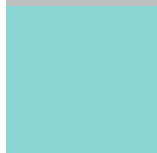
Original Color

2CFFF4



Achromatopsia

BFBFBF



Achromatomaly

8AD6D2

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CFFF4 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 #2CFFF4 looks like.

```
.text, #text, p{  
    color:#2CFFF4  
}
```

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 #2CFFF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CFFF4
}
```

Border

The CSS property to change the border of an element to Hex 2CFFF4 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
#2CFFF4 }
```

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

```
.border{ border-color:#2CFFF4 }
```

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

Here you see how a box with a 4 pixel #2CFFF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CFFF4; -webkit-box-shadow:4px 4px  
4px 4px #2CFFF4; box-shadow:4px 4px 4px  
4px #2CFFF4 }
```

Background

The CSS property to change the background color of an element to Hex 2CFFF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CFFF4 }
```

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

```
.background{ background-color:#2CFFF4 }
```

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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