

# Converting Colors

Hex(2CF3E4)

Have a look what the booklet for  
Hex(2CF3E4) contains.

|  |    |
|--|----|
| <b>Hex(2CF3E4)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

Hex(2CF3E4)

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 2CF3E4                        |
| RGB         | 44, 243, 228                  |
| RGB Percent | 17%, 95%, 89%                 |
| CMY         | 0.8275, 0.0471, 0.1059        |
| CMYK        | 0.82, 0.00, 0.06, 0.05        |
| HSL         | 175°, 89%, 56%                |
| HSV         | 175°, 82%, 95%                |
| XYZ         | 47.0929, 70.2381, 84.4740     |
| YIQ         | 181.7890, -113.7890, -46.8530 |

# Conversions

## Conversions Part 2

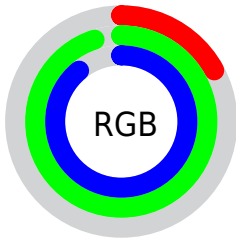
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| R <sub>Y</sub> B                    | 44, 147, 243                    |
| Decimal                             | 2946020                         |
| CIE Lab                             | 87.11, -48.81, -5.99            |
| CIE LCh                             | 87, 49.173, 186.999             |
| Yxy                                 | 70.2381, 0.2334,<br>0.3480      |
| Android<br>(android.graphics.Color) | 4281136100<br>(0xFF2CF3E4)      |
| YUV                                 | 181.7890, 22.7820,<br>-120.8410 |
| Hunter-Lab                          | 83.8082, -46.3628,<br>-1.0954   |

# Details

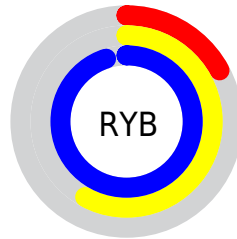
The Hex color **2CF3E4** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **F32C3B**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **7FFFFFF**, and **00BAAD** is the 20% darker color. If you saturate the color by 10%, you get **14F3E2**, and if you desaturate by 10%, it is **44F3E6**.

# Distribution



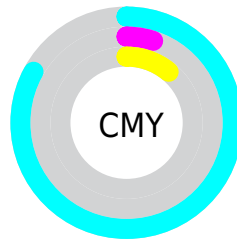
- Red (17%)
- Green (95%)
- Blue (89%)



- Red (17%)
- Yellow (58%)
- Blue (95%)



- Cyan (82%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (83%)
- Magenta (5%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CF3E4 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 2CF3E4 by changing the saturation by 10% instead.



 2CF3E4

 2CF3E4


FFFFFF

 00D6C8

 7FFFFFFF

 00BAAD

 A1FFFF

 009E92

 C1FFFF

 008379

 E1FFFF

 006960

 005048

 003832

 00211D

 000002

 2CF3E4

 2CF3E4

 14F3E2

 44F3E6

 00F3E1

 5DF3E8

 75F3E9

 8DF3EB

 A5F3ED

 BEF3EF

 D6F3F1

 EEF3F3

 FFF3F4

# Harmonies

## Analogous

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



80F0B4



2CF3E4



00F1FF

# Triad

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



2CF3E4



EECAFF



FFCB85

# Complementary

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



2CF3E4



F32C3B

# 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.



FFBCA4



2CF3E4



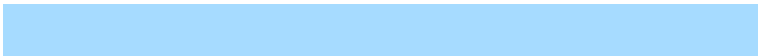
FFBBFF

# Square

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



2CF3E4



A6DBFF



FFB5D1



EEDB7C

# Rectangle

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



2CF3E4



09ECFF



FFB5D1



FFC58D

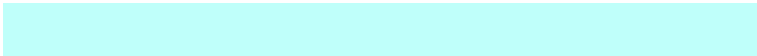


# Sweetspot

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



2CF3E4



BFFFFA



3DF32C



59807D



000000



808080



# Same Dimension

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



2CF3E4



05FFEC



2CA0F3



6E7A79



00BAAC



003B36



# Inverse Universe

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



F32C3B



FF0518



F37F2C



7A6E6F



BA000E

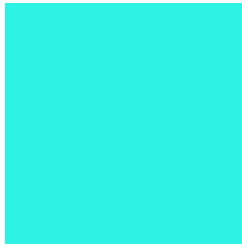


3B0004



# Previews

## White Background



This preview shows how the Hex color 2CF3E4 looks on a white background.

## Color Contrast Check

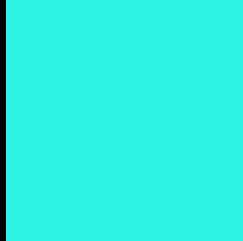
Large Text (above 18pt) WCAG AA × Fail

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 2CF3E4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

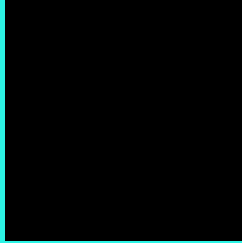
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

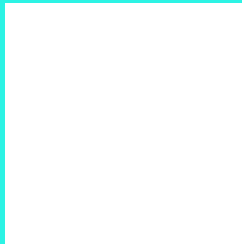
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2CF3E4 Background



This preview shows how black text looks on a background with the Hex color 2CF3E4.

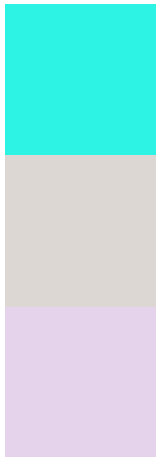


This preview shows how white text looks on a background with the Hex color 2CF3E4.

# 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**  
2CF3E4

**Protanopia**  
DDD7D4

**Deuteranopia**  
E5D2EB

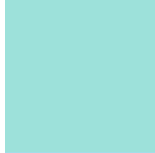


**Tritanopia**  
5CEDFF

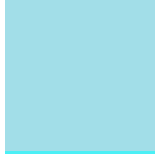
# Trichromacy



**Original Color**  
2CF3E4



**Protanomaly**  
9DE1DA



**Deuteranomaly**  
A2DEE8

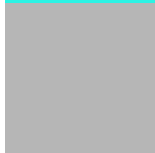


**Tritanomaly**  
4BEFF5

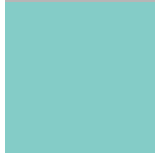
# Monochromacy



**Original Color**  
2CF3E4



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
84CCC7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CF3E4 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 #2CF3E4 looks like.

```
.text, #text, p{  
    color:#2CF3E4  
}
```

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 #2CF3E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CF3E4
}
```

## Border

The CSS property to change the border of an element to Hex 2CF3E4 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
#2CF3E4 }
```

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

```
.border{ border-color:#2CF3E4 }
```

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

Here you see how a box with a 4 pixel #2CF3E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CF3E4; -webkit-box-shadow:4px 4px  
4px 4px #2CF3E4; box-shadow:4px 4px 4px  
4px #2CF3E4 }
```

# Background

The CSS property to change the background color of an element to Hex 2CF3E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CF3E4 }
```

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

```
.background{ background-color:#2CF3E4 }
```

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