

Converting Colors

Hex(2EF0E4)

Have a look what the booklet for
Hex(2EF0E4) contains.

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Color

Hex(2EF0E4)

Conversions

Conversions Part 1

Format	Color
Hex	2EF0E4
RGB	46, 240, 228
RGB Percent	18%, 94%, 89%
CMY	0.8196, 0.0588, 0.1059
CMYK	0.81, 0.00, 0.05, 0.06
HSL	176°, 87%, 56%
HSV	176°, 81%, 94%
XYZ	46.2904, 68.5025, 84.1813
YIQ	180.6260, -111.7720, -44.8600

Conversions

Conversions Part 2

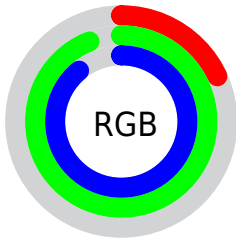
Format	Color
RYB	46, 146, 240
Decimal	3076324
CIELab	86.26, -47.38, -7.26
CIELCh	86, 47.928, 188.708
Yxy	68.5025, 0.2326, 0.3443
Android (android.graphics.Color)	4281266404 (0xFF2EF0E4)
YUV	180.6260, 23.3554, -118.0670
Hunter-Lab	82.7662, -45.0074, -2.3674

Details

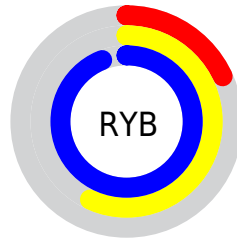
The Hex color **2EF0E4** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F02E3A**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **80FFFF**, and **00B7AD** is the 20% darker color. If you saturate the color by 10%, you get **16F0E3**, and if you desaturate by 10%, it is **46F0E5**.

Distribution



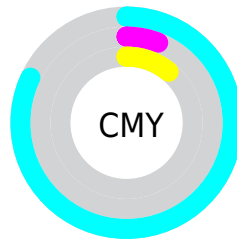
- Red (18%)
- Green (94%)
- Blue (89%)



- Red (18%)
- Yellow (57%)
- Blue (94%)



- Cyan (81%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (82%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EF0E4 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 2EF0E4 by changing the saturation by 10% instead.

 2EF0E4

 2EF0E4

FFFFFF

 00D3C8

 80FFFF

 00B7AD

 A1FFFF

 009C92

 C1FFFF

 008179

 E1FFFF

 006760

 004E48

 003632

 001F1D

 000002

 2EF0E4

 2EF0E4

 16F0E3

 46F0E5

 00F0E1

 5EF0E7

 76F0E8

 8EF0EA

 A6F0EB

 BEF0ED

 D6F0EE

 EEF0F0

 FFF0F1

Harmonies

Analogous

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



7DEDB5



2EF0E4



00EEFF

Triad

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



2EF0E4



EEC7FF



FFCA84

Complementary

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



2EF0E4



F02E3A

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.



FFBBA1



2EF0E4



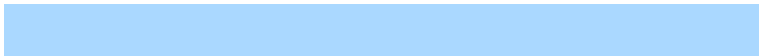
FFB9FA

Square

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



2EF0E4



AAD8FF



FFB4CC



E8D97C

Rectangle

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



2EF0E4



2AE9FF



FFB4CC



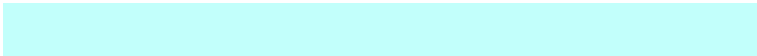
FFC48B

Sweetspot

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



2EF0E4



C2FFFB



3BF02E



5B807D



000000



808080

Same Dimension

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



2EF0E4



08FFF0



2E9CF0



6C7877



00B8AC



003835

Inverse Universe

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



F02E3A



FF0817



F0822E



786C6D



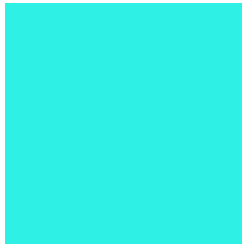
B8000B



380003

Previews

White Background



This preview shows how the Hex color 2EF0E4 looks on a white background.

Color Contrast Check

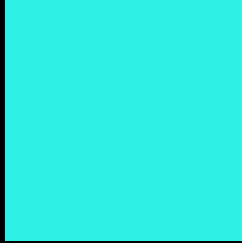
Large Text (above 18pt) WCAG AA × Fail

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 2EF0E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

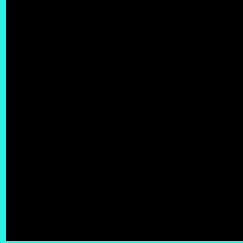
Any Text WCAG AA ✓ Pass

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 2EF0E4 Background



This preview shows how black text looks on a background with the Hex color 2EF0E4.



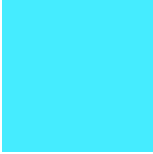
This preview shows how white text looks on a background with the Hex color 2EF0E4.

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



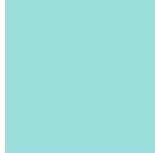


Tritanopia
45ECFF

Trichromacy



Original Color
2EF0E4



Protanomaly
9BDFDA



Deuteranomaly
A0DCE8

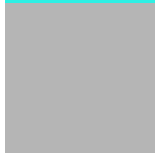


Tritanomaly
3DEDF5

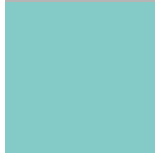
Monochromacy



Original Color
2EF0E4



Achromatopsia
B5B5B5



Achromatomaly
84CAC6

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EF0E4 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 #2EF0E4 looks like.

```
.text, #text, p{  
    color:#2EF0E4  
}
```

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 #2EF0E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EF0E4
}
```

Border

The CSS property to change the border of an element to Hex 2EF0E4 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
#2EF0E4 }
```

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

```
.border{ border-color:#2EF0E4 }
```

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

Here you see how a box with a 4 pixel #2EF0E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EF0E4; -webkit-box-shadow:4px 4px  
4px 4px #2EF0E4; box-shadow:4px 4px 4px  
4px #2EF0E4 }
```

Background

The CSS property to change the background color of an element to Hex 2EF0E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EF0E4 }
```

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

```
.background{ background-color:#2EF0E4 }
```

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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