

# Converting Colors

Hex(2EF4FB)

Have a look what the booklet for  
Hex(2EF4FB) contains.

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# Color

Hex(2EF4FB)

# Conversions

## Conversions Part 1

Format	Color
Hex	2EF4FB
RGB	46, 244, 251
RGB Percent	18%, 96%, 98%
CMY	0.8196, 0.0431, 0.0157
CMYK	0.82, 0.03, 0.00, 0.02
HSL	182°, 96%, 58%
HSV	182°, 82%, 98%
XYZ	50.8900, 72.2472, 102.5297
YIQ	185.5960, -120.2550, -39.7990

# Conversions

## Conversions Part 2

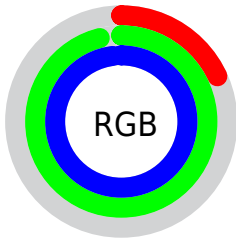
Format	Color
<a href="#">RYB</a>	46, 147, 251
Decimal	3077371
CIELab	88.09, -42.64, -16.57
CIElCh	88, 45.751, 201.235
Yxy	72.2472, 0.2255, 0.3201
Android (android.graphics.Color)	4281267451 (0xFF2EF4FB)
YUV	185.5960, 32.2442, -122.4257
Hunter-Lab	84.9984, -41.8762, -12.0200

# Details

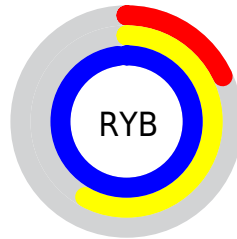
The Hex color **2EF4FB** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FB352E**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **83FFFF**, and **00BBC3** is the 20% darker color. If you saturate the color by 10%, you get **15F3FB**, and if you desaturate by 10%, it is **47F5FB**.

# Distribution



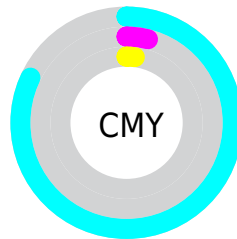
- Red (18%)
- Green (96%)
- Blue (98%)



- Red (18%)
- Yellow (58%)
- Blue (98%)



- Cyan (82%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (82%)
- Magenta (4%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2EF4FB 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 2EF4FB by changing the saturation by 10% instead.



 2EF4FB

 2EF4FB

FFFFFF

 00D7DE

 83FFFF

 00BBC3

 A4FFFF

 00A0A7

 C5FFFF

 00858D

 E5FFFF

 006B73

 00525B

 003A43

 00242D

 000119

 2EF4FB

 2EF4FB

 15F3FB

 47F5FB

 00F2FB

 60F6FB

 79F7FB

 92F7FB

 ACF8FB

 C5F9FB

 DEFAFB

 F7FBFB

 FFFCFB

# Harmonies

## Analogous

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



6FF3CE



2EF4FB



38EFFF

# Triad

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



2EF4FB



FFC7FF



FFD687

# Complementary

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



2EF4FB



FB352E

# 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.



FFC79B



2EF4FB



FFBCEC

# Square

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



2EF4FB



CFD6FF



FFBDC0



DAE48A

# Rectangle

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



2EF4FB



6DE9FF



FFBDC0



FFD18B



# Sweetspot

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



2EF4FB



BFFDFF



2EFB35



597E80



000000



808080



# Same Dimension

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



2EF4FB



05F6FF



2E8EFB



707D7D



00B6BD



003B3D



# Inverse Universe

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



FB2EF4



FF05F6



FB9B2E



7D707D



BD00B6

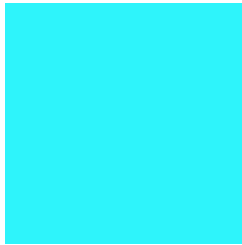


3D003B



# Previews

## White Background



This preview shows how the Hex color 2EF4FB looks on a white background.

## Color Contrast Check

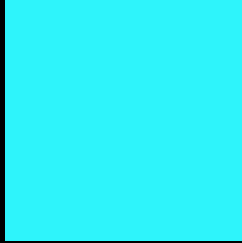
Large Text (above 18pt) WCAG AA × Fail

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 2EF4FB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

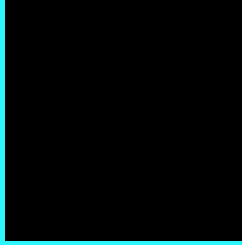
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 2EF4FB Background



This preview shows how black text looks on a background with the Hex color 2EF4FB.

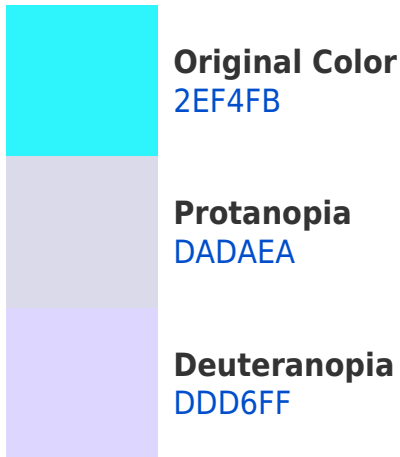


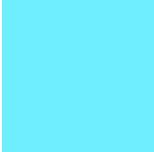
This preview shows how white text looks on a background with the Hex color 2EF4FB.

# 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



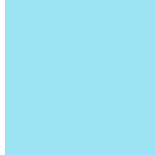


**Tritanopia**  
6EEEEFF

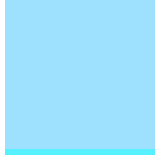
# Trichromacy



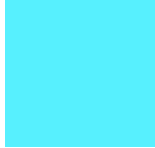
**Original Color**  
2EF4FB



**Protanomaly**  
9BE3F0



**Deuteranomaly**  
9DE1FE

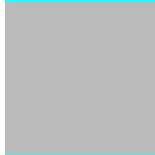


**Tritanomaly**  
57F0FE

# Monochromacy



**Original Color**  
2EF4FB



**Achromatopsia**  
BABABA



**Achromatomaly**  
87CFD2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2EF4FB 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 #2EF4FB looks like.

```
.text, #text, p{  
    color:#2EF4FB  
}
```

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 #2EF4FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EF4FB
}
```

## Border

The CSS property to change the border of an element to Hex 2EF4FB 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
#2EF4FB }
```

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

```
.border{ border-color:#2EF4FB }
```

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

Here you see how a box with a 4 pixel #2EF4FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EF4FB; -webkit-box-shadow:4px 4px  
4px 4px #2EF4FB; box-shadow:4px 4px 4px  
4px #2EF4FB }
```

# Background

The CSS property to change the background color of an element to Hex 2EF4FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EF4FB }
```

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

```
.background{ background-color:#2EF4FB }
```

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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