

Converting Colors

Hex(1FE9EF)

Have a look what the booklet for
Hex(1FE9EF) contains.

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Color

Hex(1FE9EF)

Conversions

Conversions Part 1

Format	Color
Hex	1FE9EF
RGB	31, 233, 239
RGB Percent	12%, 91%, 94%
CMY	0.8784, 0.0863, 0.0627
CMYK	0.87, 0.03, 0.00, 0.06
HSL	182°, 87%, 53%
HSV	182°, 87%, 94%
XYZ	45.2840, 64.8011, 91.7825
YIQ	173.2860, -122.3180, -40.9580

Conversions

Conversions Part 2

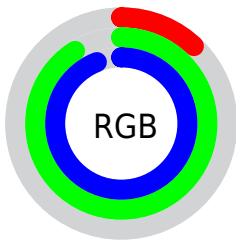
Format	Color
R _Y B	31, 133, 239
Decimal	2091503
CIE Lab	84.38, -42.16, -15.86
CIE LCh	84, 45.045, 200.612
Yxy	64.8011, 0.2243, 0.3210
Android (android.graphics.Color)	4280281583 (0xFF1FE9EF)
YUV	173.2860, 32.3970, -124.7848
Hunter-Lab	80.4991, -40.4602, -11.2511

Details

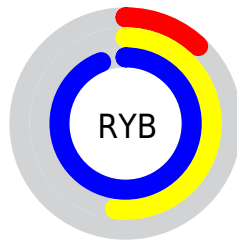
The Hex color **1FE9EF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **EF251F**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **7AFFFF**, and **00B1B7** is the 20% darker color. If you saturate the color by 10%, you get **07E8EF**, and if you desaturate by 10%, it is **37EAEF**.

Distribution



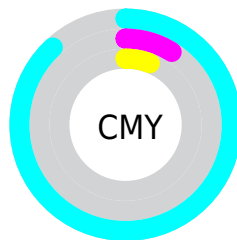
- Red (12%)
- Green (91%)
- Blue (94%)



- Red (12%)
- Yellow (52%)
- Blue (94%)



- Cyan (87%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (88%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FE9EF 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 1FE9EF by changing the saturation by 10% instead.

 1FE9EF

 1FE9EF

FFFFFF

 00CCD3

 7AFFFF

 00B1B7

 9CFFFF

 00959C

 BDFFFF

 007B82

 DDFFFF

 006169

 FDFFFF

 004951

 00313A

 001925

 00010E

 1FE9EF

 1FE9EF

 07E8EF

 37EAEF

 00E8EF

 4FEAEF

 67EBEF

 7FECEF

 97ECEF

 AEEDEF

 C6EEEF

 DEEFEF

 F6EFEF

Harmonies

Analogous

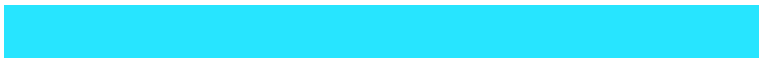
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67E8C3



1FE9EF



27E5FF

Triad

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



1FE9EF



FBBDF



FACB7E

Complementary

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



1FE9EF



EF251F

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.



FFBD92



1FE9EF



FFB3E2

Square

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



1FE9EF



C4CCFF



FFB3B7



D1D981

Rectangle

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



1FE9EF



61DFFF



FFB3B7



FFC683

Sweetspot

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



1FE9EF



BDFDFF



1FEF22



587E80



000000



808080

Same Dimension

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



1FE9EF



00F8FF



1F84EF



6C7878



00B2B8



003638

Inverse Universe

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



EF1FE9



FF00F8



EF8A1F



786C78



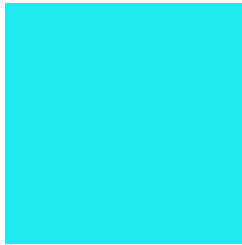
B800B2



380036

Previews

White Background



This preview shows how the Hex color 1FE9EF looks on a white background.

Color Contrast Check

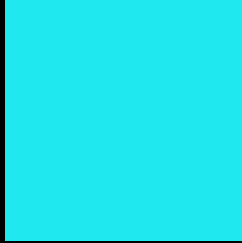
Large Text (above 18pt) WCAG AA × Fail

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 1FE9EF 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 1FE9EF Background



This preview shows how black text looks on a background with the Hex color 1FE9EF.

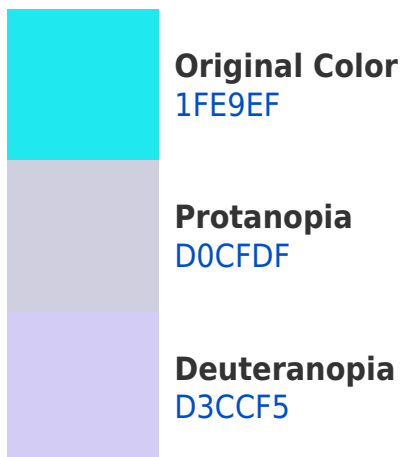


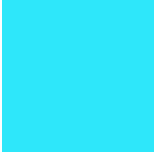
This preview shows how white text looks on a background with the Hex color 1FE9EF.

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



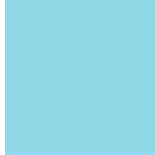


Tritanopia
2EE7FA

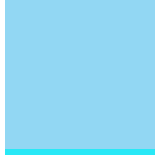
Trichromacy



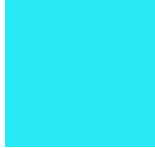
Original Color
1FE9EF



Protanomaly
90D8E5



Deuteranomaly
92D7F3

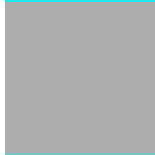


Tritanomaly
29E8F6

Monochromacy



Original Color
1FE9EF



Achromatopsia
ADADAD



Achromatomaly
79C3C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 1FE9EF 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 #1FE9EF looks like.

```
.text, #text, p{  
    color:#1FE9EF  
}
```

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 #1FE9EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FE9EF
}
```

Border

The CSS property to change the border of an element to Hex 1FE9EF 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
#1FE9EF }
```

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

```
.border{ border-color:#1FE9EF }
```

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

Here you see how a box with a 4 pixel #1FE9EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FE9EF; -webkit-box-shadow:4px 4px  
4px 4px #1FE9EF; box-shadow:4px 4px 4px  
4px #1FE9EF }
```

Background

The CSS property to change the background color of an element to Hex 1FE9EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FE9EF }
```

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

```
.background{ background-color:#1FE9EF }
```

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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