

# Converting Colors

Hex(1EF7D5)

Have a look what the booklet for  
Hex(1EF7D5) contains.

<b>Hex(1EF7D5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(1EF7D5)

# Conversions

## Conversions Part 1

Format	Color
Hex	1EF7D5
RGB	30, 247, 213
RGB Percent	12%, 97%, 84%
CMY	0.8824, 0.0314, 0.1647
CMYK	0.88, 0.00, 0.14, 0.03
HSL	171°, 93%, 54%
HSV	171°, 88%, 97%
XYZ	45.8064, 71.6016, 74.3570
YIQ	178.2410, -118.4180, -56.5780

# Conversions

## Conversions Part 2

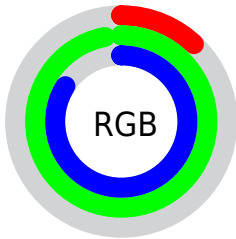
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 148, 247
Decimal	2029525
CIELab	87.78, -55.30, 2.80
CIELCh	88, 55.371, 177.100
Yxy	71.6016, 0.2389, 0.3734
Android (android.graphics.Color)	4280219605 (0xFF1EF7D5)
YUV	178.2410, 17.1362, -130.0074
Hunter-Lab	84.6178, -51.4530, 7.1319

# Details

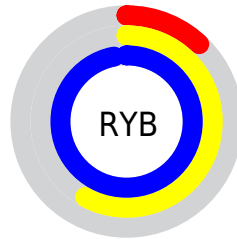
The Hex color **1EF7D5** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **F71E40**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **7AFFFF**, and **00BE9E** is the 20% darker color. If you saturate the color by 10%, you get **05F7D1**, and if you desaturate by 10%, it is **37F7D9**.

# Distribution



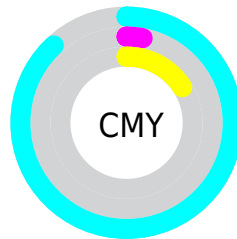
- Red (12%)
- Green (97%)
- Blue (84%)



- Red (12%)
- Yellow (58%)
- Blue (97%)



- Cyan (88%)
- Magenta (0%)
- Yellow (14%)
- Black (3%)



- Cyan (88%)
- Magenta (3%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1EF7D5 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 1EF7D5 by changing the saturation by 10% instead.



 1EF7D5

 1EF7D5

FFFFFF

 00DAB9

 7AFFFF

 00BE9E

 9CFFFF

 00A284

 BCFFFF

 00876B

 DCFFFF

 006C53

 FCFFFF

 00533C

 003A26

 002312

 000000

 1EF7D5

 1EF7D5

 05F7D1

 37F7D9

 00F7D0

 4FF7DD

 68F7E1

 81F7E4

 9AF7E8

 B2F7EC

 CBF7F0

 E4F7F4

 FCF7F8

# Harmonies

## Analogous

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



8CF2A1



1EF7D5



00F7FF

# Triad

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



1EF7D5



D9D0FF



FFC485

# Complementary

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



1EF7D5



F71E40

# 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.



FFB5AF



1EF7D5



FFBDFF

# Square

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



1EF7D5



79E3FF



FFB1E3



FFD771

# Rectangle

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



1EF7D5



00F3FF



FFB1E3



FFBE91

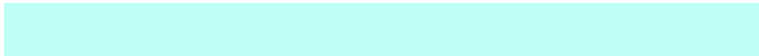


# Sweetspot

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



1EF7D5



BDFFF5



42F71E



588079



000000



808080



# Same Dimension

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



1EF7D5



00FFD7



1EAFF7



6E7A78



00BA9D



003B31



# Inverse Universe

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



F71E40



FF0028



F7661E



7A6E70



BA001D

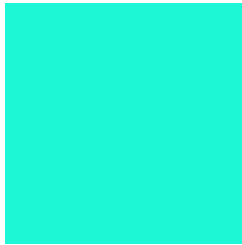


3B0009



# Previews

## White Background



This preview shows how the Hex color 1EF7D5 looks on a white background.

## Color Contrast Check

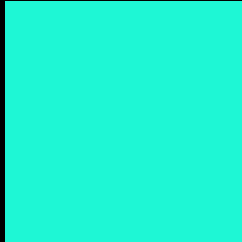
Large Text (above 18pt) WCAG AA × Fail

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 1EF7D5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

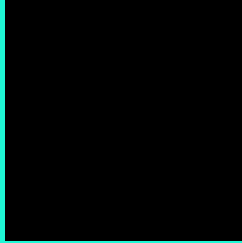
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 1EF7D5 Background



This preview shows how black text looks on a background with the Hex color 1EF7D5.

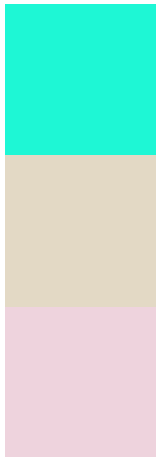


This preview shows how white text looks on a background with the Hex color 1EF7D5.

# 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](#).

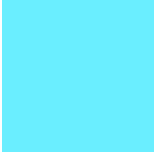
## Dichromacy



**Original Color**  
1EF7D5

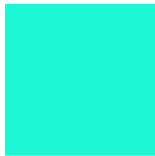
**Protanopia**  
E3D9C5

**Deuteranopia**  
EED3DD

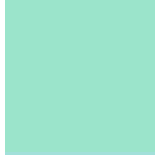


**Tritanopia**  
6AEEFF

# Trichromacy



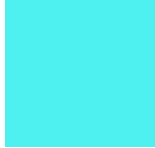
**Original Color**  
1EF7D5



**Protanomaly**  
9BE4CB



**Deuteranomaly**  
A2E0DA

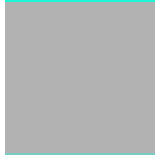


**Tritanomaly**  
4EF1F0

# Monochromacy



**Original Color**  
1EF7D5



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
7CCBBF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1EF7D5 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 #1EF7D5 looks like.

```
.text, #text, p{  
    color:#1EF7D5  
}
```

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 #1EF7D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EF7D5
}
```

## Border

The CSS property to change the border of an element to Hex 1EF7D5 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
#1EF7D5 }
```

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

```
.border{ border-color:#1EF7D5 }
```

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

Here you see how a box with a 4 pixel #1EF7D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EF7D5; -webkit-box-shadow:4px 4px  
4px 4px #1EF7D5; box-shadow:4px 4px 4px  
4px #1EF7D5 }
```

# Background

The CSS property to change the background color of an element to Hex 1EF7D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EF7D5 }
```

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

```
.background{ background-color:#1EF7D5 }
```

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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