

Converting Colors

Hex(1EF1B9)

Have a look what the booklet for
Hex(1EF1B9) contains.

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Color

Hex(1EF1B9)

Conversions

Conversions Part 1

Format	Color
Hex	1EF1B9
RGB	30, 241, 185
RGB Percent	12%, 95%, 73%
CMY	0.8824, 0.0549, 0.2745
CMYK	0.88, 0.00, 0.23, 0.05
HSL	164°, 88%, 53%
HSV	164°, 88%, 95%
XYZ	40.7477, 66.6894, 56.6237
YIQ	171.5270, -107.7800, -62.1480

Conversions

Conversions Part 2

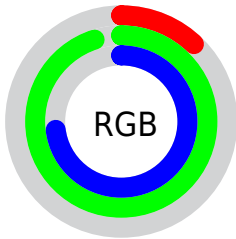
Format	Color
R_{YB}	30, 152, 241
Decimal	2027961
CIE Lab	85.35, -59.83, 13.90
CIE LCh	85, 61.419, 166.917
Yxy	66.6894, 0.2484, 0.4065
Android (android.graphics.Color)	4280218041 (0xFF1EF1B9)
YUV	171.5270, 6.6422, -124.1192
Hunter-Lab	81.6636, -53.8451, 16.0542

Details

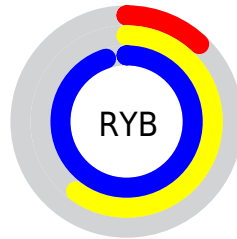
The Hex color **1EF1B9** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **F11E56**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **77FFF1**, and **00B884** is the 20% darker color. If you saturate the color by 10%, you get **06F1B3**, and if you desaturate by 10%, it is **36F1BF**.

Distribution



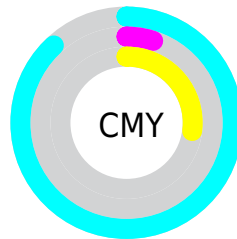
- Red (12%)
- Green (95%)
- Blue (73%)



- Red (12%)
- Yellow (60%)
- Blue (95%)



- Cyan (88%)
- Magenta (0%)
- Yellow (23%)
- Black (5%)



- Cyan (88%)
- Magenta (5%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EF1B9 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 1EF1B9 by changing the saturation by 10% instead.

 1EF1B9

 1EF1B9


FFFFFF

 00D49E

 77FFF1

 00B884

 98FFFF

 009C6B

 B9FFFF

 008152

 D8FFFF

 00663B

 F8FFFF

 004D25

 003510

 001B00

 000000

 1EF1B9

 1EF1B9

 06F1B3

 36F1BF

 00F1B1

 4EF1C6

 66F1CC

 7EF1D3

 96F1D9

 AFF1DF

 C7F1E6

 DFF1EC

 F7F1F3

Harmonies

Analogous

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



95EA83



1EF1B9



00F3F5

Triad

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



1EF1B9



AFD0FF



FFB483

Complementary

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



1EF1B9



F11E56

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.



FFA5B7



1EF1B9



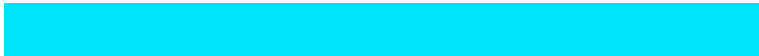
FFB9FF

Square

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



1EF1B9



00E3FF



FFA7F1



FFC962

Rectangle

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



1EF1B9



00F0FF



FFA7F1



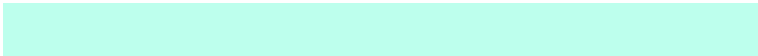
FFAD92

Sweetspot

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



1EF1B9



BDF FED



56F11E



588075



000000



808080

Same Dimension

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



1EF1B9



00FFBB



1EC0F1



6C7875



00B887



003829

Inverse Universe

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



F11E56



FF0044



F14F1E



786C6F



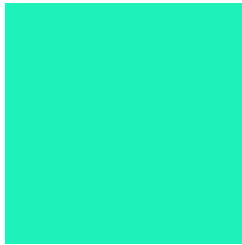
B80031



38000F

Previews

White Background



This preview shows how the Hex color 1EF1B9 looks on a white background.

Color Contrast Check

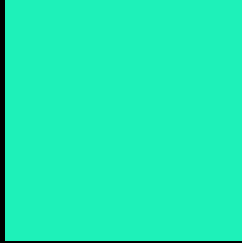
Large Text (above 18pt) WCAG AA × Fail

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 1EF1B9 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

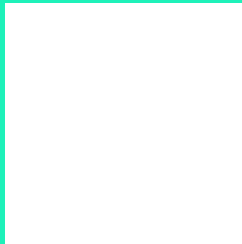
Any Text WCAG AAA ✓ Pass

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

Hex 1EF1B9 Background



This preview shows how black text looks on a background with the Hex color 1EF1B9.

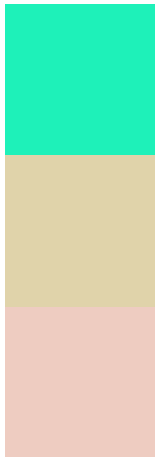


This preview shows how white text looks on a background with the Hex color 1EF1B9.

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](#).

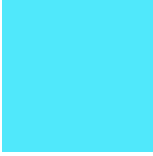
Dichromacy



Original Color
1EF1B9

Protanopia
E0D3AA

Deuteranopia
EECC1

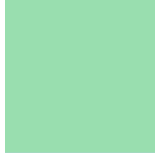


Tritanopia
50E8FB

Trichromacy



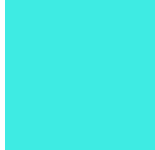
Original Color
1EF1B9



Protanomaly
99DEAF



Deuteranomaly
A2D9BE

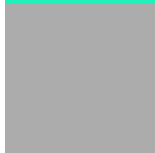


Tritanomaly
3EEBE3

Monochromacy



Original Color
1EF1B9



Achromatopsia
ACACAC



Achromatomaly
78C5B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EF1B9 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 #1EF1B9 looks like.

```
.text, #text, p{  
    color:#1EF1B9  
}
```

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 #1EF1B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EF1B9
}
```

Border

The CSS property to change the border of an element to Hex 1EF1B9 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
#1EF1B9 }
```

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

```
.border{ border-color:#1EF1B9 }
```

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

Here you see how a box with a 4 pixel #1EF1B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EF1B9; -webkit-box-shadow:4px 4px  
4px 4px #1EF1B9; box-shadow:4px 4px 4px  
4px #1EF1B9 }
```

Background

The CSS property to change the background color of an element to Hex 1EF1B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EF1B9 }
```

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

```
.background{ background-color:#1EF1B9 }
```

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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