

Converting Colors

Hex(1EFFA1)

Have a look what the booklet for
Hex(1EFFA1) contains.

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Color

Hex(1EFFA1)

Conversions

Conversions Part 1

Format	Color
Hex	1EFFA1
RGB	30, 255, 161
RGB Percent	12%, 100%, 63%
CMY	0.8824, 0.0000, 0.3686
CMYK	0.88, 0.00, 0.37, 0.00
HSL	155°, 100%, 56%
HSV	155°, 88%, 100%
XYZ	42.7284, 74.3692, 45.8209
YIQ	177.0090, -103.9260, -76.9340

Conversions

Conversions Part 2

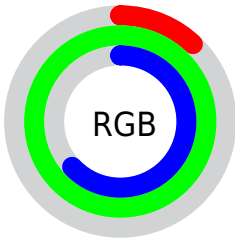
Format	Color
RYB	30, 172, 255
Decimal	2031521
CIELab	89.10, -69.98, 31.33
CIELCh	89, 76.668, 155.884
Yxy	74.3692, 0.2623, 0.4565
Android (android.graphics.Color)	4280221601 (0xFF1EFFA1)
YUV	177.0090, -7.8924, -128.9269
Hunter-Lab	86.2376, -62.4738, 28.8636

Details

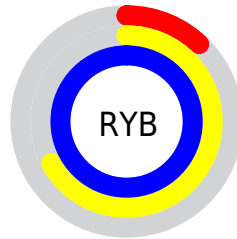
The Hex color **1ECCA1** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **FF1E7C**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **79FFD8**, and **00C56D** is the 20% darker color. If you saturate the color by 10%, you get **05FF96**, and if you desaturate by 10%, it is **38FFAC**.

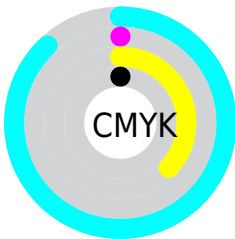
Distribution



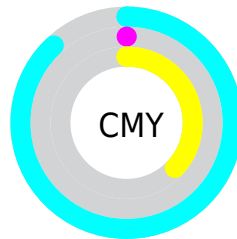
- Red (12%)
- Green (100%)
- Blue (63%)



- Red (12%)
- Yellow (67%)
- Blue (100%)



- Cyan (88%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)



- Cyan (88%)
- Magenta (0%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EFFA1 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 1EFFA1 by changing the saturation by 10% instead.

 1EFFA1

 1EFFA1

FFFFFF

 00E286

 79FFD8

 00C56D

 9BFFF5

 00A854

 BCFFFF

 008D3B

 DCFFFF

 007224

 FCFFFF

 00580B

 003F00

 002600

 000000

 1EFA1

 1EFA1

 05FF96

 38FFAC

 00FF94

 51FFB6

 6AFFC1

 84FFCC

 9EFFD6

 B7FFE1

 D1FFEC

 EAFFF6

FFFFFF

Harmonies

Analogous

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



ADF461



1EFFA1



00FFED

Triad

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



1EFFA1



5DE3FF



FFA88E

Complementary

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



1E99A1



FF1E7C

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.



FF9CD4



1EFFA1



F6C6FF

Square

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



1EFFA1



00F7FF



FFA9FF



FFC657

Rectangle

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



1EFFA1



00FFFF



FFA9FF



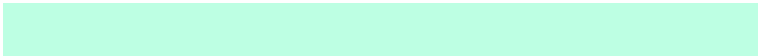
FFA3A4

Sweetspot

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



1EFFA1



BDFFE3



7FFF1E



58806F



000000



808080

Same Dimension

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



1EFFA1



00FF94



1EF0FF



73807A



00BF6F



004025

Inverse Universe

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



FF1E7C



FF006B



FF2D1E



807378



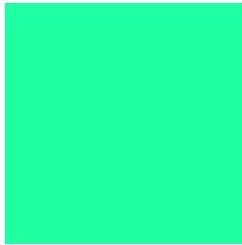
BF0050



40001B

Previews

White Background



This preview shows how the Hex color 1E99A1 looks on a white background.

Color Contrast Check

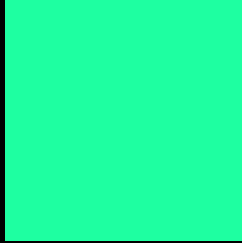
Large Text (above 18pt) WCAG AA × Fail

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 1EFFA1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

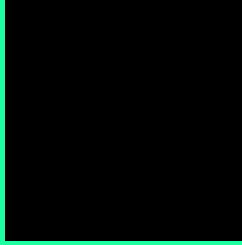
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

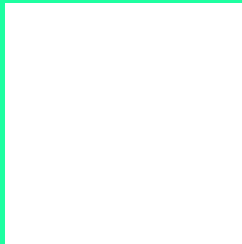
Any Text WCAG AAA ✓ Pass

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

Hex 1EFFA1 Background



This preview shows how black text looks on a background with the Hex color 1EFFA1.

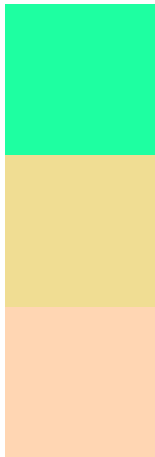


This preview shows how white text looks on a background with the Hex color 1EFFA1.

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](#).

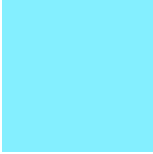
Dichromacy



Original Color
1EFFA1

Protanopia
F0DD93

Deuteranopia
FFD6B3



Tritanopia
84EFFF

Trichromacy



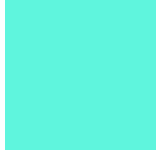
Original Color
1E99A1



Protanomaly
A4E998



Deuteranomaly
ADE5AC

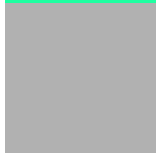


Tritanomaly
5FF5DD

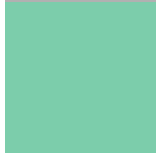
Monochromacy



Original Color
1E99A1



Achromatopsia
B1B1B1



Achromatomaly
7CCDAB

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EFFA1 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 #1EFFA1 looks like.

```
.text, #text, p{  
    color:#1EFFA1  
}
```

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 #1EFFA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EFFA1
}
```

Border

The CSS property to change the border of an element to Hex 1EFFA1 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
#1EFFA1 }
```

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

```
.border{ border-color:#1EFFA1 }
```

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

Here you see how a box with a 4 pixel #1EFFA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EFFA1; -webkit-box-shadow:4px 4px  
4px 4px #1EFFA1; box-shadow:4px 4px 4px  
4px #1EFFA1 }
```

Background

The CSS property to change the background color of an element to Hex 1EFFA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EFFA1 }
```

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

```
.background{ background-color:#1EFFA1 }
```

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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