

Converting Colors

Hex(1EBAFA)

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

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

Color

Hex(1EBAFA)

Conversions

Conversions Part 1

Format	Color
Hex	1EBAFA
RGB	30, 186, 250
RGB Percent	12%, 73%, 98%
CMY	0.8824, 0.2706, 0.0196
CMYK	0.88, 0.26, 0.00, 0.02
HSL	197°, 96%, 55%
HSV	197°, 88%, 98%
XYZ	35.3496, 42.2960, 96.7433
YIQ	146.6520, -113.5200, -13.1680

Conversions

Conversions Part 2

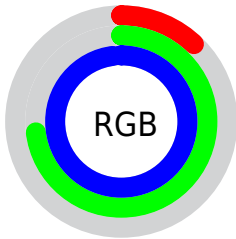
Format	Color
R _Y B	30, 121, 250
Decimal	2013946
CIE Lab	71.07, -15.75, -42.14
CIE LCh	71, 44.991, 249.509
Yxy	42.2960, 0.2027, 0.2425
Android (android.graphics.Color)	4280204026 (0xFF1EBAFA)
YUV	146.6520, 50.9506, -102.3038
Hunter-Lab	65.0353, -16.7890, -42.6721

Details

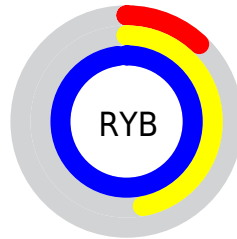
The Hex color **1EBAFA** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **FA5E1E**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **76F2FF**, and **0085C1** is the 20% darker color. If you saturate the color by 10%, you get **05B3FA**, and if you desaturate by 10%, it is **37C1FA**.

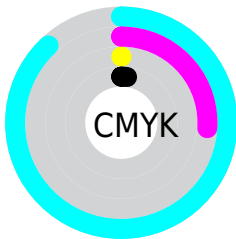
Distribution



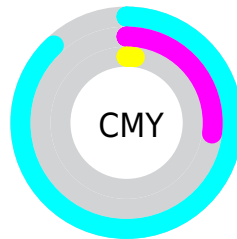
- Red (12%)
- Green (73%)
- Blue (98%)



- Red (12%)
- Yellow (47%)
- Blue (98%)



- Cyan (88%)
- Magenta (26%)
- Yellow (0%)
- Black (2%)



- Cyan (88%)
- Magenta (27%)
- Yellow (2%)

Brightness & Saturation Gradients

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

 1EBAFA

 1EBAFA

FFFFFF

 009FDD

 76F2FF

 0085C1

 98FFFF

 006CA6

 B8FFFF


 00548B

 D8FFFF

 003D71

 F7FFFF


 002758

 000E41

 00032A

 000114

 1EBAFA

 1EBAFA

 05B3FA

 37C1FA

 00B1FA

 50C9FA

 69D0FA

 82D7FA

 9BDEFA

 B4E6FA

 CDEDFa

 E6F4FA

 FFFBFA

Harmonies

Analogous

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



00C1E1



1EBAFA



84AEFF

Triad

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



1EBAFA



FC8DA2



8EBB6D

Complementary

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



1EBAFA



FA5E1E

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.



BBB05B



1EBAFA



F7947C

Square

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



1EBAFA



EB91CC



DFA261



58C190

Rectangle

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



1EBAFA



B1A4F5



DFA261



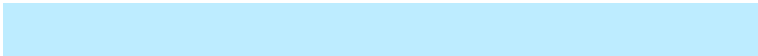
9EB865

Sweetspot

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



1EBAFA



BDECFE



1EFA5C



587480



000000



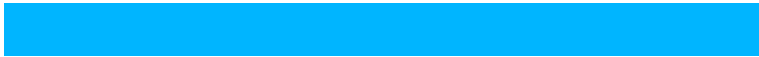
808080

Same Dimension

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



1EBAFA



00B5FF



1E4EFA



70797D



0086BD



002B3D

Inverse Universe

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



FA1EBA



FF00B5



FACA1E



7D7079



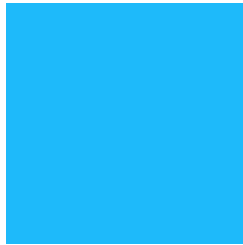
BD0086



3D002B

Previews

White Background



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

Color Contrast Check

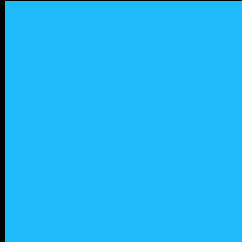
Large Text (above 18pt) WCAG AA × Fail

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 1EBAFA 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

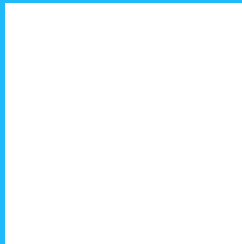
Any Text WCAG AAA ✓ Pass

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

Hex 1EBAFA Background



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

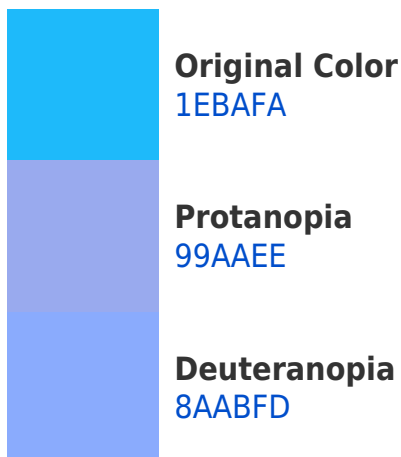


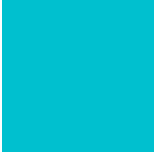
This preview shows how white text looks on a background with the Hex color 1EBAFA.

Color Blindness Simulation

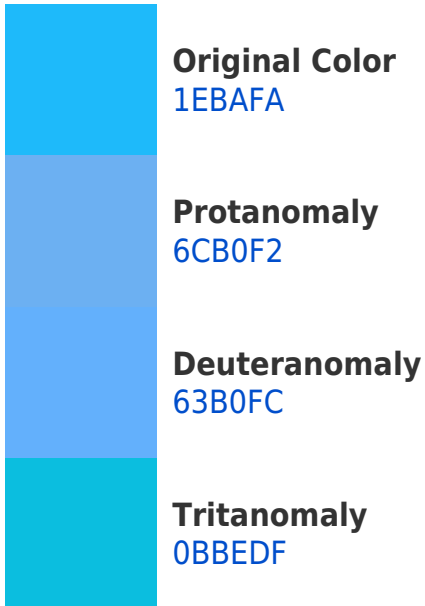
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

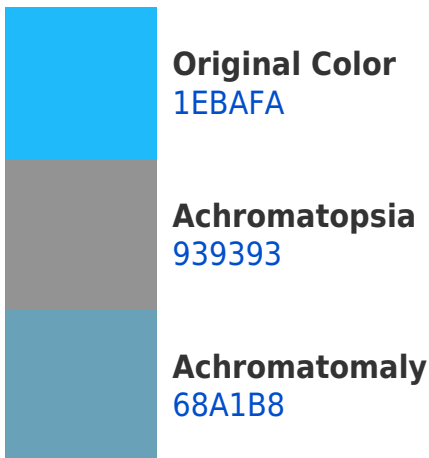




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #1EBAFA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor