

Converting Colors

Hex(1EBEF2)

Have a look what the booklet for
Hex(1EBEF2) contains.

Hex(1EBEF2)	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(1EBEF2)

Conversions

Conversions Part 1

Format	Color
Hex	1EBEF2
RGB	30, 190, 242
RGB Percent	12%, 75%, 95%
CMY	0.8824, 0.2549, 0.0510
CMYK	0.88, 0.21, 0.00, 0.05
HSL	195°, 89%, 53%
HSV	195°, 88%, 95%
XYZ	34.9759, 43.5137, 90.5600
YIQ	148.0880, -112.0520, -17.7480

Conversions

Conversions Part 2

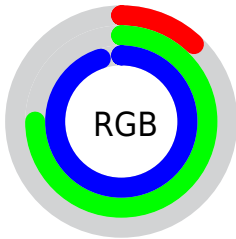
Format	Color
RYB	30, 121, 242
Decimal	2014962
CIELab	71.90, -20.59, -36.53
CIELCh	72, 41.933, 240.593
Yxy	43.5137, 0.2069, 0.2574
Android (android.graphics.Color)	4280205042 (0xFF1EBEF2)
YUV	148.0880, 46.2986, -103.5632
Hunter-Lab	65.9649, -20.7945, -35.2208

Details

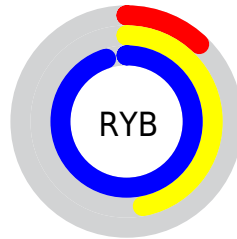
The Hex color **1EBEF2** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **F2521E**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **75F6FF**, and **0089BA** is the 20% darker color. If you saturate the color by 10%, you get **06B8F2**, and if you desaturate by 10%, it is **36C4F2**.

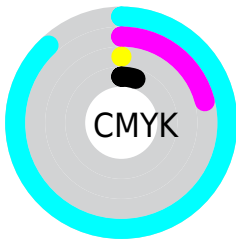
Distribution



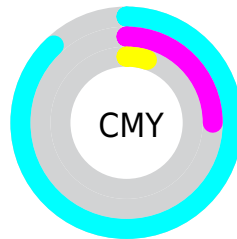
- Red (12%)
- Green (75%)
- Blue (95%)



- Red (12%)
- Yellow (47%)
- Blue (95%)



- Cyan (88%)
- Magenta (21%)
- Yellow (0%)
- Black (5%)



- Cyan (88%)
- Magenta (25%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EBEF2 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 1EBEF2 by changing the saturation by 10% instead.

 1EBEF2

 1EBEF2


FFFFFF

 00A3D5

 75F6FF

 0089BA

 96FFFF

 006F9F

 B6FFFF

 005784

 D6FFFF

 003F6B

 F6FFFF

 002952

 00113B

 000225

 00010D

 1EBEF2

 1EBEF2

 06B8F2

 36C4F2

 00B7F2

 4ECAF2

 67D0F2

 7FD6F2

 97DCF2

 AFE2F2

 C7E8F2

 E0EDF2

 F8F3F2

Harmonies

Analogous

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



00C3D6



1EBEF2



77B4FC

Triad

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



1EBEF2



F792B1



A0BA6D

Complementary

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



1EBEF2



F2521E

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.



C8AE63



1EBEF2



F8958B

Square

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



1EBEF2



E199D6



E7A16E



72C189

Rectangle

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



1EBEF2



A2ABF8



E7A16E



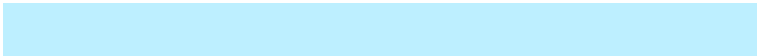
AEB667

Sweetspot

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



1EBEF2



BDEFFF



1EF24F



587680



000000



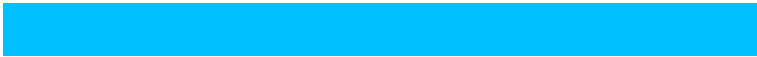
808080

Same Dimension

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



1EBEF2



00C0FF



1E57F2



6C7578



008BB8



002A38

Inverse Universe

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



F21EBE



FF00C0



F2B91E



786C75



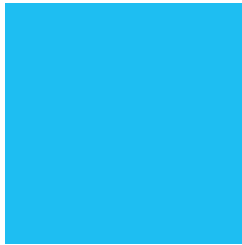
B8008B



38002A

Previews

White Background



This preview shows how the Hex color 1EBEF2 looks on a white background.

Color Contrast Check

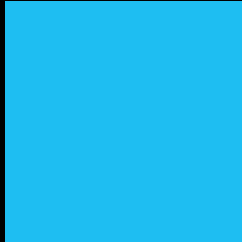
Large Text (above 18pt) WCAG AA × Fail

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 1EBEF2 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 1EBEF2 Background



This preview shows how black text looks on a background with the Hex color 1EBEF2.

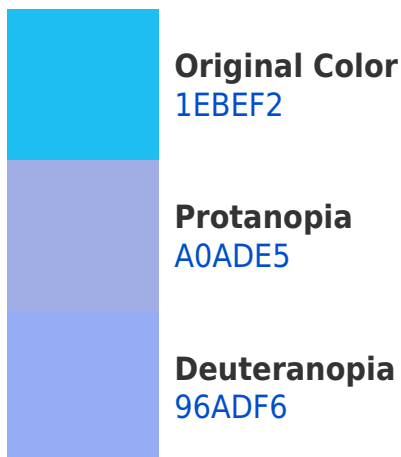


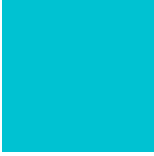
This preview shows how white text looks on a background with the Hex color 1EBEF2.

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](#).

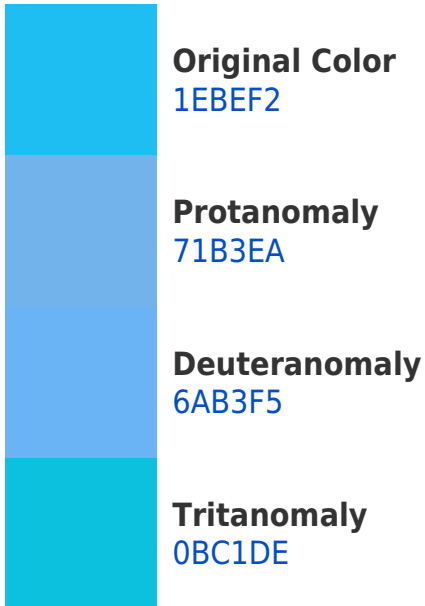
Dichromacy





Tritanopia
00C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1EBEF2 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 #1EBEF2 looks like.

```
.text, #text, p{  
    color:#1EBEF2  
}
```

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 #1EBEF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EBEF2  
}
```

Border

The CSS property to change the border of an element to Hex 1EBEF2 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  
#1EBEF2 }
```

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

```
.border{ border-color:#1EBEF2 }
```

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

Here you see how a box with a 4 pixel #1EBEF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EBEF2; -webkit-box-shadow:4px 4px  
4px 4px #1EBEF2; box-shadow:4px 4px 4px  
4px #1EBEF2 }
```

Background

The CSS property to change the background color of an element to Hex 1EBEF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EBEF2 }
```

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

```
.background{ background-color:#1EBEF2 }
```

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