

# Converting Colors

Hex(1EB2EF)

Have a look what the booklet for  
Hex(1EB2EF) contains.

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# **Color**

**Hex(1EB2EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1EB2EF
RGB	30, 178, 239
RGB Percent	12%, 70%, 94%
CMY	0.8824, 0.3020, 0.0627
CMYK	0.87, 0.26, 0.00, 0.06
HSL	198°, 87%, 53%
HSV	198°, 87%, 94%
XYZ	32.0358, 38.3488, 87.3749
YIQ	140.7020, -107.7890, -12.4050

# Conversions

## Conversions Part 2

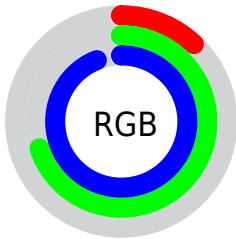
Format	Color
R <sub>Y</sub> B	30, 117, 239
Decimal	2011887
CIE Lab	68.28, -15.30, -40.55
CIE LCh	68, 43.339, 249.331
Yxy	38.3488, 0.2031, 0.2431
Android (android.graphics.Color)	4280201967 (0xFF1EB2EF)
YUV	140.7020, 48.4609, -97.0857
Hunter-Lab	61.9264, -16.0295, -40.3066

# Details

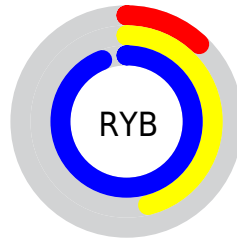
The Hex color **1EB2EF** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **EF5B1E**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **74EAFF**, and **007DB7** is the 20% darker color. If you saturate the color by 10%, you get **06ABEF**, and if you desaturate by 10%, it is **36B9EF**.

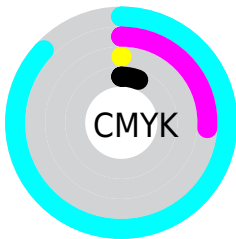
# Distribution



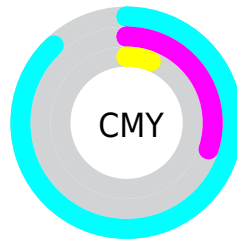
- Red (12%)
- Green (70%)
- Blue (94%)



- Red (12%)
- Yellow (46%)
- Blue (94%)



- Cyan (87%)
- Magenta (26%)
- Yellow (0%)
- Black (6%)



- Cyan (88%)
- Magenta (30%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1EB2EF 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 1EB2EF by changing the saturation by 10% instead.



 1EB2EF

 1EB2EF

FFFFFF

 0097D3

 74EAFB

 007DB7

 95FFFF

 00649C

 B4FFFF

 004D81

 D4FFFF

 003668

 F3FFFF

 00214F

 000538

 000222

 000008

■ 1EB2EF

■ 1EB2EF

■ 06ABEF

■ 36B9EF

■ 00A9EF

■ 4EC0EF

■ 66C7EF

■ 7ECEEF

■ 95D5EF

■ ADDCEF

■ C5E3EF

■ DDEAEF

■ F5F1EF

# Harmonies

## Analogous

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



00B9D7



1EB2EF



7EA6F3

# Triad

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



1EB2EF



F1879C



89B368

# Complementary

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



1EB2EF



EF5B1E

# 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.



B3A857



1EB2EF



EC8D77

# Square

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



1EB2EF



E18BC3



D69B5D



54B989

# Rectangle

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



1EB2EF



A99DEB



D69B5D



98B060

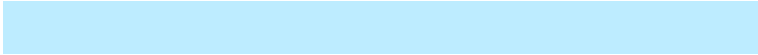


# Sweetspot

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



1EB2EF



BDECFF



1EEF59



587480



000000



808080

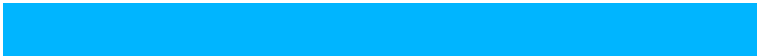


# Same Dimension

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



1EB2EF



00B5FF



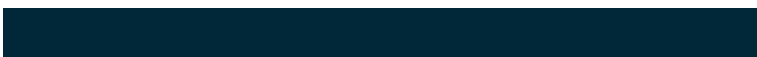
1E4BEF



6C7478



0082B8



002838



# Inverse Universe

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



EF1EB2



FF00B5



EFC21E



786C74



B80082

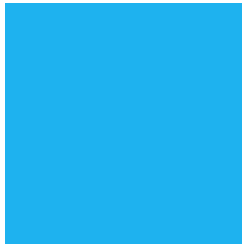


380028



# Previews

## White Background



This preview shows how the Hex color 1EB2EF looks on a white background.

## Color Contrast Check

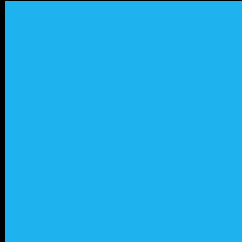
Large Text (above 18pt) WCAG AA × Fail

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 1EB2EF 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

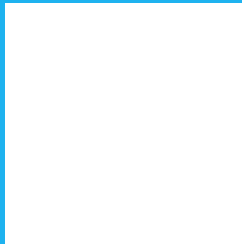
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1EB2EF Background



This preview shows how black text looks on a background with the Hex color 1EB2EF.

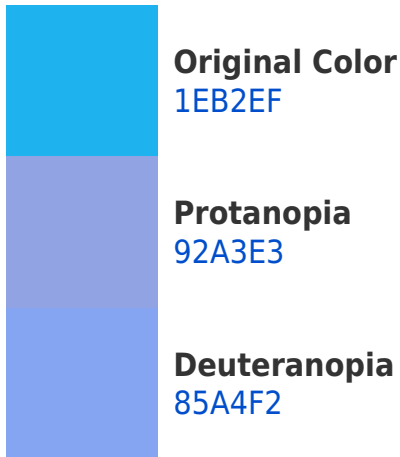


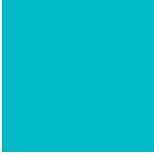
This preview shows how white text looks on a background with the Hex color 1EB2EF.

# 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](#).

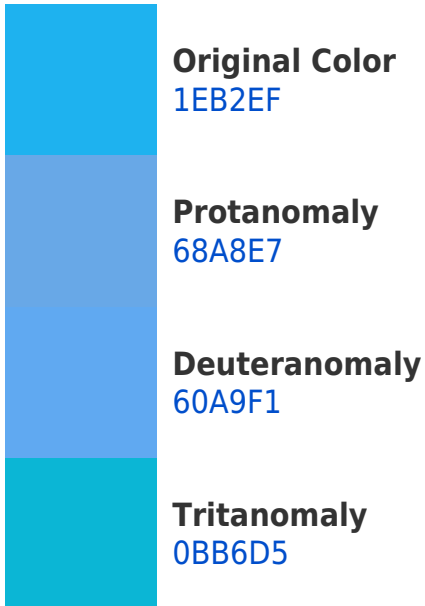
## Dichromacy





**Tritanopia**  
00B8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1EB2EF 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 #1EB2EF looks like.

```
.text, #text, p{  
    color:#1EB2EF  
}
```

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 #1EB2EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EB2EF
}
```

## Border

The CSS property to change the border of an element to Hex 1EB2EF 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
#1EB2EF }
```

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

```
.border{ border-color:#1EB2EF }
```

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

Here you see how a box with a 4 pixel #1EB2EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EB2EF; -webkit-box-shadow:4px 4px  
4px 4px #1EB2EF; box-shadow:4px 4px 4px  
4px #1EB2EF }
```

# Background

The CSS property to change the background color of an element to Hex 1EB2EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EB2EF }
```

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

```
.background{ background-color:#1EB2EF }
```

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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