

# Converting Colors

Hex(1FB9E0)

Have a look what the booklet for  
Hex(1FB9E0) contains.

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# **Color**

**Hex(1FB9E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1FB9E0
RGB	31, 185, 224
RGB Percent	12%, 73%, 88%
CMY	0.8784, 0.2745, 0.1216
CMYK	0.86, 0.17, 0.00, 0.12
HSL	192°, 76%, 50%
HSV	192°, 86%, 88%
XYZ	31.3686, 40.3710, 76.6601
YIQ	143.4000, -104.3030, -20.5190

# Conversions

## Conversions Part 2

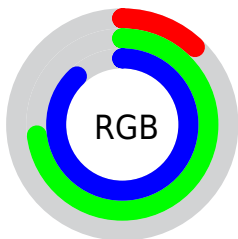
Format	Color
R <sub>Y</sub> B	31, 117, 224
Decimal	2079200
CIE Lab	69.73, -24.01, -30.11
CIE LCh	70, 38.507, 231.433
Yxy	40.3710, 0.2114, 0.2720
Android (android.graphics.Color)	4280269280 (0xFF1FB9E0)
YUV	143.4000, 39.7358, -98.5748
Hunter-Lab	63.5382, -23.0671, -27.0578

# Details

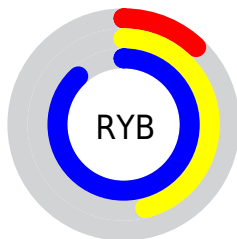
The Hex color **1FB9E0** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **E0461F**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **72F1FF**, and **0084A9** is the 20% darker color. If you saturate the color by 10%, you get **09B4E0**, and if you desaturate by 10%, it is **35BEE0**.

# Distribution



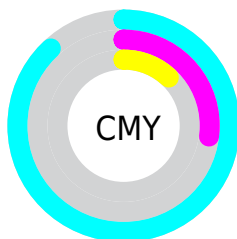
- Red (12%)
- Green (73%)
- Blue (88%)



- Red (12%)
- Yellow (46%)
- Blue (88%)



- Cyan (86%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)



- Cyan (88%)
- Magenta (27%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1FB9E0 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 1FB9E0 by changing the saturation by 10% instead.



 1FB9E0

 1FB9E0

FFFFFF

 009EC4

 72F1FF

 0084A9

 93FFFF

 006A8E

 B2FFFF

 005274

 D1FFFF

 003A5C

 F0FFFF

 002544

 00032E

 000118

 000000

■ 1FB9E0

■ 1FB9E0

■ 09B4E0

■ 35BEE0

■ 00B3E0

■ 4CC2E0

■ 62C7E0

■ 79CBE0

■ 8FD0E0

■ A5D4E0

■ BCD9E0

■ D2DDE0

■ E9E2E0

# Harmonies

## Analogous

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



14BDC3



1FB9E0



65B1EF

# Triad

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



1FB9E0



E790B6



A8B068

# Complementary

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



1FB9E0



E0461F

# 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.



CAA565



1FB9E0



EE9093

# Square

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



1FB9E0



CD98D6



E39975



80B87E

# Rectangle

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



1FB9E0



8DA9EF



E39975



B4AD65

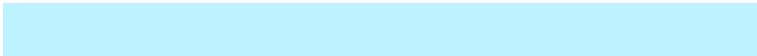


# Sweetspot

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



1FB9E0



BDF2FF



1FE046



587880



000000



808080



# Same Dimension

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



1FB9E0



00CBFF



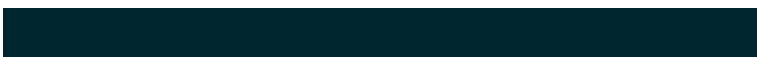
1F59E0



656E70



008CB0



002730



# Inverse Universe

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



E01FB9



FF00CB



E0A61F



70656E



B0008C

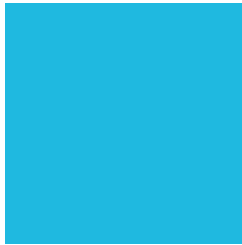


300027



# Previews

## White Background



This preview shows how the Hex color 1FB9E0 looks on a white background.

## Color Contrast Check

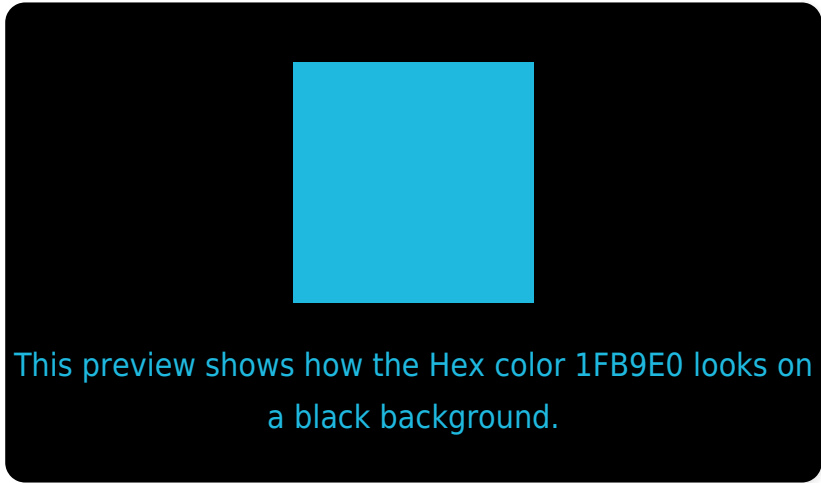
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 1FB9E0 Background



This preview shows how black text looks on a background with the Hex color 1FB9E0.

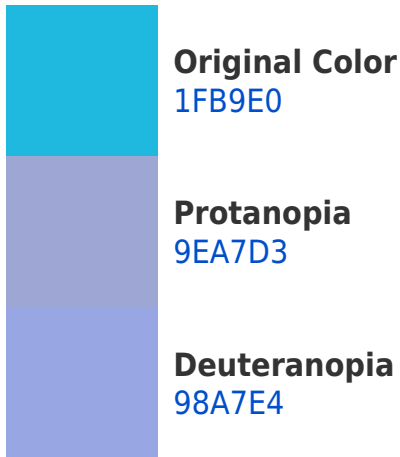


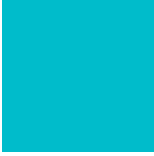
This preview shows how white text looks on a background with the Hex color 1FB9E0.

# 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](#).

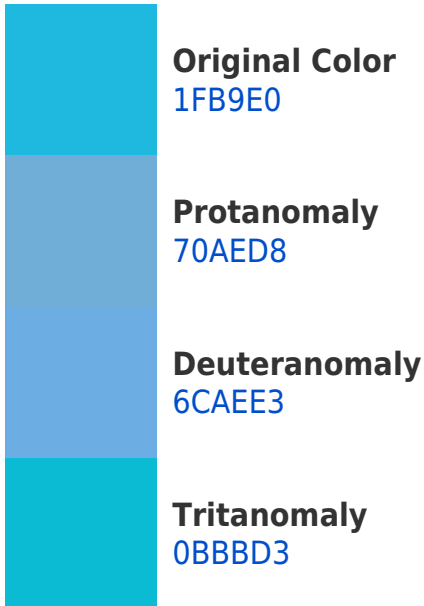
## Dichromacy



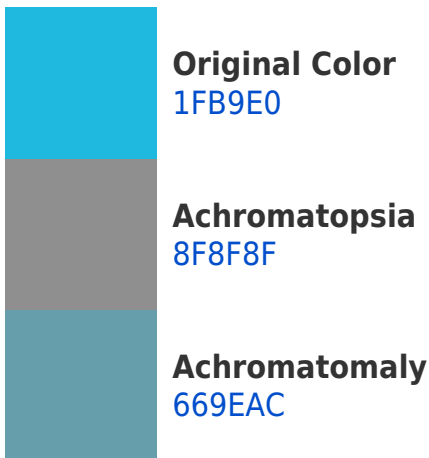


**Tritanopia**  
00BCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1FB9E0 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 #1FB9E0 looks like.

```
.text, #text, p{  
    color:#1FB9E0  
}
```

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 #1FB9E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FB9E0
}
```

## Border

The CSS property to change the border of an element to Hex 1FB9E0 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
#1FB9E0 }
```

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

```
.border{ border-color:#1FB9E0 }
```

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

Here you see how a box with a 4 pixel #1FB9E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FB9E0; -webkit-box-shadow:4px 4px  
4px 4px #1FB9E0; box-shadow:4px 4px 4px  
4px #1FB9E0 }
```

# Background

The CSS property to change the background color of an element to Hex 1FB9E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FB9E0 }
```

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

```
.background{ background-color:#1FB9E0 }
```

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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