

Converting Colors

Hex(1FB6E0)

Have a look what the booklet for
Hex(1FB6E0) contains.

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Color

Hex(1FB6E0)

Conversions

Conversions Part 1

Format	Color
Hex	1FB6E0
RGB	31, 182, 224
RGB Percent	12%, 71%, 88%
CMY	0.8784, 0.2863, 0.1216
CMYK	0.86, 0.19, 0.00, 0.12
HSL	193°, 76%, 50%
HSV	193°, 86%, 88%
XYZ	30.7476, 39.1290, 76.4531
YIQ	141.6390, -103.4780, -18.9500

Conversions

Conversions Part 2

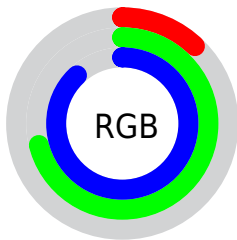
Format	Color
R _{YB}	31, 116, 224
Decimal	2078432
CIE _{Lab}	68.84, -22.47, -31.48
CIE _{LCh}	69, 38.678, 234.478
Y _{xy}	39.1290, 0.2101, 0.2674
Android (android.graphics.Color)	4280268512 (0xFF1FB6E0)
Y _{UV}	141.6390, 40.6040, -97.0304
Hunter-Lab	62.5532, -21.7277, -28.6776

Details

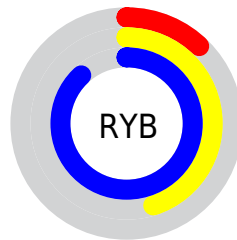
The Hex color **1FB6E0** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **E0491F**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **72EEFF**, and **0081A9** is the 20% darker color. If you saturate the color by 10%, you get **09B1E0**, and if you desaturate by 10%, it is **35BBE0**.

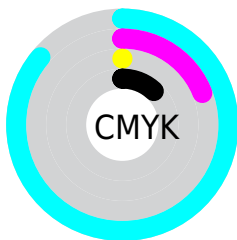
Distribution



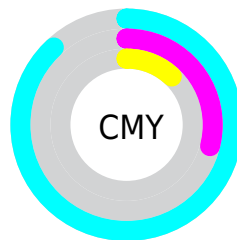
- Red (12%)
- Green (71%)
- Blue (88%)



- Red (12%)
- Yellow (45%)
- Blue (88%)



- Cyan (86%)
- Magenta (19%)
- Yellow (0%)
- Black (12%)



- Cyan (88%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FB6E0 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 1FB6E0 by changing the saturation by 10% instead.

 1FB6E0

 1FB6E0

FFFFFF

 009BC4

 72EEFF

 0081A9

 92FFFF

 00688E

 B2FFFF

 004F74

 D1FFFF

 00385B

 F0FFFF

 002344

 00032D

 000118

 000000

■ 1FB6E0

■ 1FB6E0

■ 09B1E0

■ 35BBE0

■ 00AFE0

■ 4CC0E0

■ 62C5E0

■ 79C9E0

■ 8FC EE0

■ A5D3E0

■ BCD8E0

■ D2DDE0

■ E9E2E0

Harmonies

Analogous

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



00BAC4



1FB6E0



68ADED

Triad

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



1FB6E0



E78DB0



A2AF67

Complementary

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



1FB6E0



E0491F

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.



C5A462



1FB6E0



EC8E8D

Square

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



1FB6E0



CE95D1



DF9770



79B67E

Rectangle

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



1FB6E0



90A6EC



DF9770



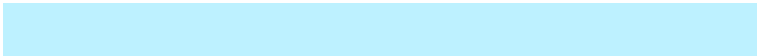
AEAB63

Sweetspot

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



1FB6E0



BDF1FF



1FE049



587780



000000



808080

Same Dimension

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



1FB6E0



00C8FF



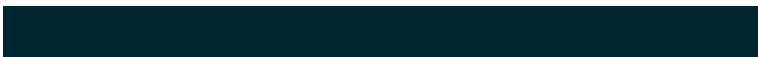
1F56E0



656E70



008AB0



002630

Inverse Universe

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



E01FB6



FF00C8



E0A91F



70656E



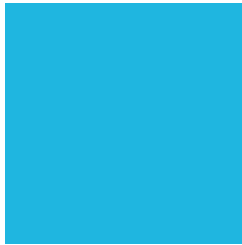
B0008A



300026

Previews

White Background



This preview shows how the Hex color 1FB6E0 looks on a white background.

Color Contrast Check

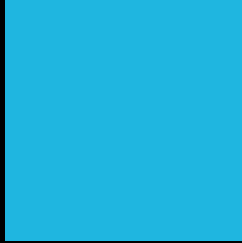
Large Text (above 18pt) WCAG AA × Fail

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 1FB6E0 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 1FB6E0 Background



This preview shows how black text looks on a background with the Hex color 1FB6E0.

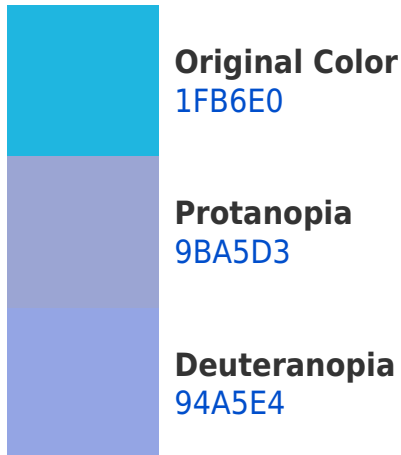


This preview shows how white text looks on a background with the Hex color 1FB6E0.

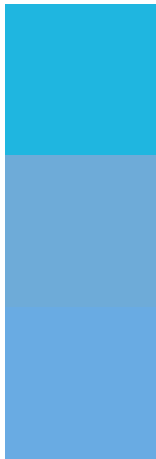
Color Blindness Simulation

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

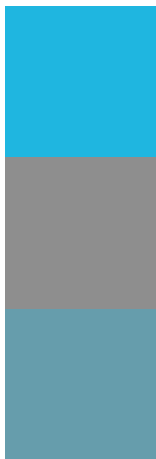


Original Color
1FB6E0

Protanomaly
6EABD8

Deuteranomaly
69ABE3

Monochromacy



Original Color
1FB6E0

Achromatopsia
8E8E8E

Achromatomaly
669DAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 1FB6E0 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 #1FB6E0 looks like.

```
.text, #text, p{  
    color:#1FB6E0  
}
```

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 #1FB6E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FB6E0
}
```

Border

The CSS property to change the border of an element to Hex 1FB6E0 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
#1FB6E0 }
```

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

```
.border{ border-color:#1FB6E0 }
```

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

Here you see how a box with a 4 pixel #1FB6E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FB6E0; -webkit-box-shadow:4px 4px  
4px 4px #1FB6E0; box-shadow:4px 4px 4px  
4px #1FB6E0 }
```

Background

The CSS property to change the background color of an element to Hex 1FB6E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FB6E0 }
```

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

```
.background{ background-color:#1FB6E0 }
```

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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