

Converting Colors

Hex(1FB5DC)

Have a look what the booklet for
Hex(1FB5DC) contains.

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Color

Hex(1FB5DC)

Conversions

Conversions Part 1

Format	Color
Hex	1FB5DC
RGB	31, 181, 220
RGB Percent	12%, 71%, 86%
CMY	0.8784, 0.2902, 0.1373
CMYK	0.86, 0.18, 0.00, 0.14
HSL	192°, 75%, 49%
HSV	192°, 86%, 86%
XYZ	30.0072, 38.5064, 73.5611
YIQ	140.5960, -101.9190, -19.6710

Conversions

Conversions Part 2

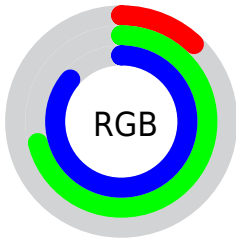
Format	Color
R _Y B	31, 115, 220
Decimal	2078172
CIE Lab	68.39, -23.30, -29.99
CIE LCh	68, 37.977, 232.155
Yxy	38.5064, 0.2112, 0.2710
Android (android.graphics.Color)	4280268252 (0xFF1FB5DC)
YUV	140.5960, 39.1462, -96.1157
Hunter-Lab	62.0535, -22.2763, -26.8477

Details

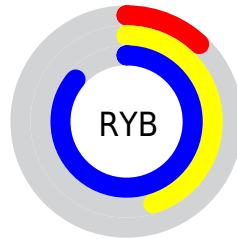
The Hex color **1FB5DC** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **DC461F**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **71EDFF**, and **0080A5** is the 20% darker color. If you saturate the color by 10%, you get **09B0DC**, and if you desaturate by 10%, it is **35BADDC**.

Distribution



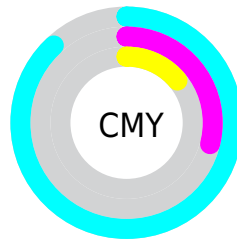
- Red (12%)
- Green (71%)
- Blue (86%)



- Red (12%)
- Yellow (45%)
- Blue (86%)



- Cyan (86%)
- Magenta (18%)
- Yellow (0%)
- Black (14%)



- Cyan (88%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FB5DC 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 1FB5DC by changing the saturation by 10% instead.

1FB5DC

1FB5DC

FFFFFF

009AC0

71EDFF

0080A5

91FFFF

00678A

B1FFFF

004E71

D0FFFF

003758

EFFFFFF

002341

00032B

000115

000000

■ 1FB5DC

■ 1FB5DC

■ 09B0DC

■ 35BADC

■ 00AFDC

■ 4BBEDC

■ 61C3DC

■ 77C7DC

■ 8DCCDC

■ A3D0DC

■ B9D5DC

■ CFD9DC

■ E5DEDC

Harmonies

Analogous

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



10B9BF



1FB5DC



64ADEA

Triad

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



1FB5DC



E38DB1



A3AD66

Complementary

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



1FB5DC



DC461F

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.



C5A262



1FB5DC



EA8D8F

Square

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



1FB5DC



C995D1



DE9672



7CB47B

Rectangle

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



1FB5DC



8CA5EA



DE9672



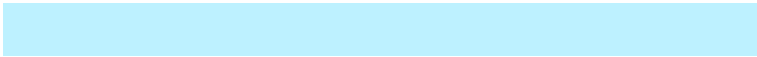
AFA963

Sweetspot

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



1FB5DC



BDF1FF



1FDC45



587780



000000



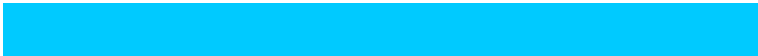
808080

Same Dimension

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



1FB5DC



00CAFF



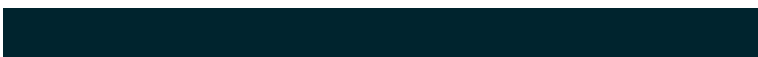
1F58DC



636B6E



008AAD



00242E

Inverse Universe

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



DC1FB5



FF00CA



DCA31F



6E636B



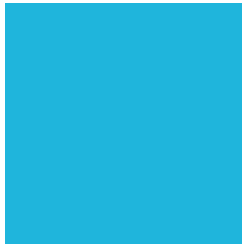
AD008A



2E0024

Previews

White Background



This preview shows how the Hex color 1FB5DC looks on a white background.

Color Contrast Check

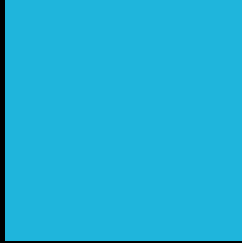
Large Text (above 18pt) WCAG AA × Fail

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 1FB5DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

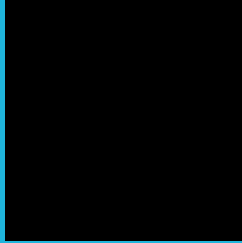
Any Text WCAG AA ✓ Pass

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 1FB5DC Background



This preview shows how black text looks on a background with the Hex color 1FB5DC.

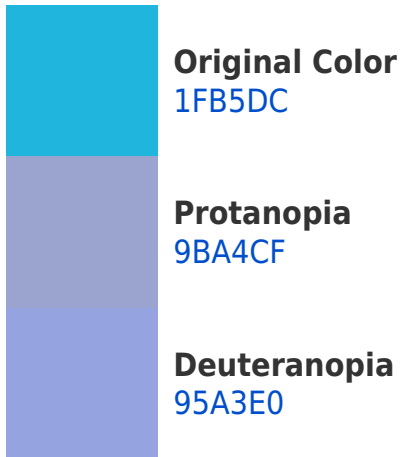


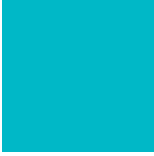
This preview shows how white text looks on a background with the Hex color 1FB5DC.

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](#).

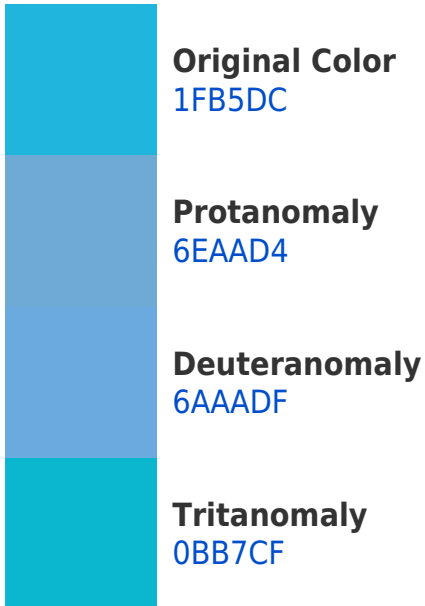
Dichromacy



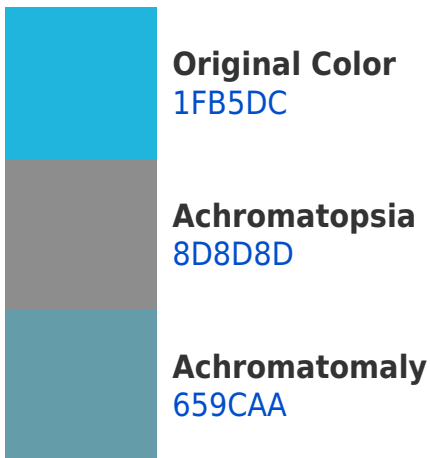


Tritanopia
00B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1FB5DC 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 #1FB5DC looks like.

```
.text, #text, p{  
    color:#1FB5DC  
}
```

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 #1FB5DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FB5DC
}
```

Border

The CSS property to change the border of an element to Hex 1FB5DC 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
#1FB5DC }
```

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

```
.border{ border-color:#1FB5DC }
```

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

Here you see how a box with a 4 pixel #1FB5DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FB5DC; -webkit-box-shadow:4px 4px  
4px 4px #1FB5DC; box-shadow:4px 4px 4px  
4px #1FB5DC }
```

Background

The CSS property to change the background color of an element to Hex 1FB5DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FB5DC }
```

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

```
.background{ background-color:#1FB5DC }
```

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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