

Converting Colors

Hex(1FB0D6)

Have a look what the booklet for
Hex(1FB0D6) contains.

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Color

Hex(1FB0D6)

Conversions

Conversions Part 1

Format	Color
Hex	1FB0D6
RGB	31, 176, 214
RGB Percent	12%, 69%, 84%
CMY	0.8784, 0.3098, 0.1608
CMYK	0.86, 0.18, 0.00, 0.16
HSL	192°, 75%, 48%
HSV	192°, 86%, 84%
XYZ	28.2280, 36.1970, 69.1173
YIQ	136.9770, -98.6180, -18.9220

Conversions

Conversions Part 2

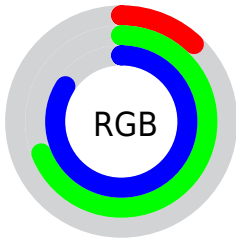
Format	Color
RYB	31, 112, 214
Decimal	2076886
CIELab	66.67, -22.74, -29.35
CIELCh	67, 37.131, 232.228
Yxy	36.1970, 0.2114, 0.2711
Android (android.graphics.Color)	4280266966 (0xFF1FB0D6)
YUV	136.9770, 37.9723, -92.9418
Hunter-Lab	60.1640, -21.5375, -25.9985

Details

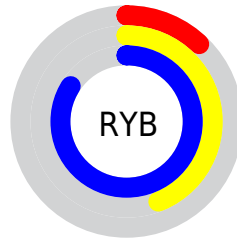
The Hex color **1FB0D6** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **D6451F**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **70E8FF**, and **007B9F** is the 20% darker color. If you saturate the color by 10%, you get **0AACD6**, and if you desaturate by 10%, it is **34B4D6**.

Distribution



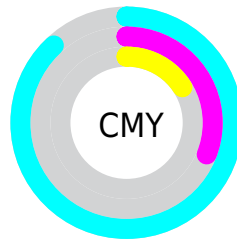
- Red (12%)
- Green (69%)
- Blue (84%)



- Red (12%)
- Yellow (44%)
- Blue (84%)



- Cyan (86%)
- Magenta (18%)
- Yellow (0%)
- Black (16%)



- Cyan (88%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FB0D6 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 1FB0D6 by changing the saturation by 10% instead.

 1FB0D6

 1FB0D6

FFFFFF

 0095BA

 70E8FF

 007B9F

 90FFFF

 006285

 AFFFFFF

 004A6B

 CDFFFF

 003353

 ECFFFF

 00203C

 000226

 00010F

 000000

■ 1FB0D6

■ 1FB0D6

■ 0AACD6

■ 34B4D6

■ 00AAD6

■ 4AB9D6

■ 5FBDD6

■ 75C2D6

■ 8AC6D6

■ 9FCBD6

■ B5CFD6

■ CAD4D6

■ E0D8D6

Harmonies

Analogous

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



11B4BA



1FB0D6



61A8E4

Triad

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



1FB0D6



DD89AC



9FA863

Complementary

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



1FB0D6



D6451F

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.



C09D60



1FB0D6



E3898B

Square

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



1FB0D6



C491CB



D8926F



78AF78

Rectangle

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



1FB0D6



88A1E3



D8926F



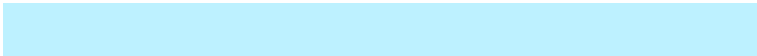
ABA560

Sweetspot

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



1FB0D6



BDF1FF



1FD644



587780



000000



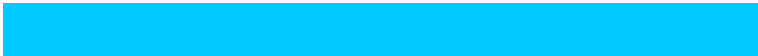
808080

Same Dimension

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



1FB0D6



00CAFF



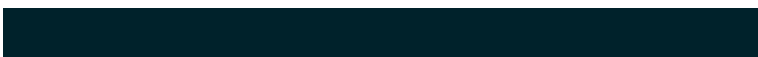
1F56D6



60696B



0087AB



00222B

Inverse Universe

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



D61FB0



FF00CA



D69F1F



6B6069



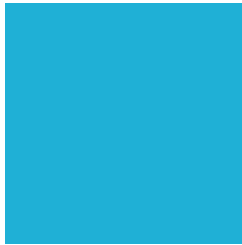
AB0087



2B0022

Previews

White Background



This preview shows how the Hex color 1FB0D6 looks on a white background.

Color Contrast Check

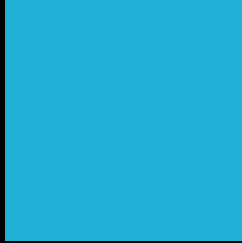
Large Text (above 18pt) WCAG AA × Fail

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 1FB0D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

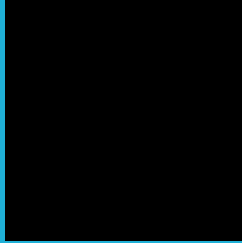
Any Text WCAG AA ✓ Pass

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 1FB0D6 Background



This preview shows how black text looks on a background with the Hex color 1FB0D6.

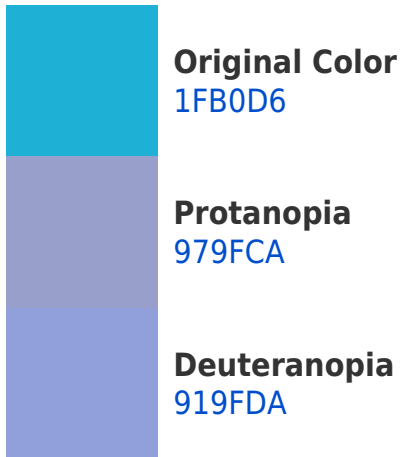


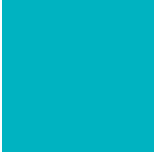
This preview shows how white text looks on a background with the Hex color 1FB0D6.

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](#).

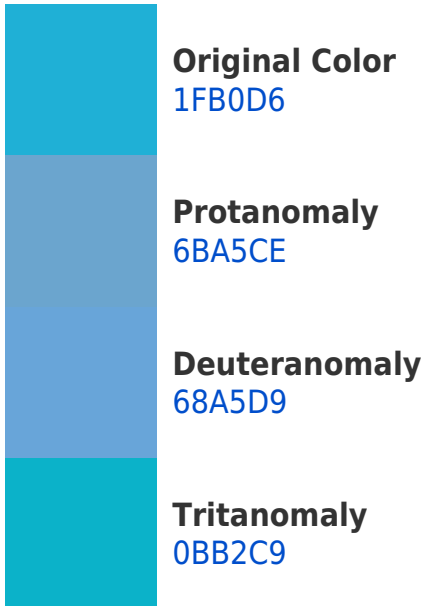
Dichromacy



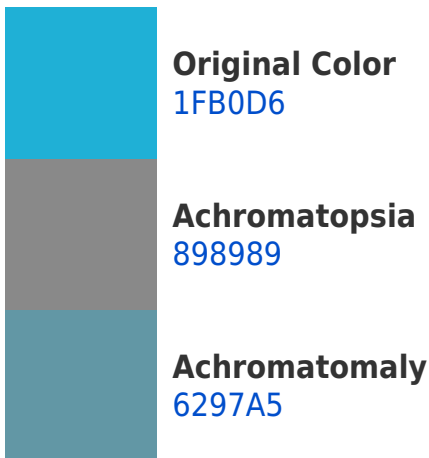


Tritanopia
00B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1FB0D6 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 #1FB0D6 looks like.

```
.text, #text, p{  
    color:#1FB0D6  
}
```

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 #1FB0D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FB0D6
}
```

Border

The CSS property to change the border of an element to Hex 1FB0D6 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
#1FB0D6 }
```

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

```
.border{ border-color:#1FB0D6 }
```

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

Here you see how a box with a 4 pixel #1FB0D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FB0D6; -webkit-box-shadow:4px 4px  
4px 4px #1FB0D6; box-shadow:4px 4px 4px  
4px #1FB0D6 }
```

Background

The CSS property to change the background color of an element to Hex 1FB0D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FB0D6 }
```

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

```
.background{ background-color:#1FB0D6 }
```

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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