

Converting Colors

Hex(1FB5B5)

Have a look what the booklet for
Hex(1FB5B5) contains.

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Color

Hex(1FB5B5)

Conversions

Conversions Part 1

Format	Color
Hex	1FB5B5
RGB	31, 181, 181
RGB Percent	12%, 71%, 71%
CMY	0.8784, 0.2902, 0.2902
CMYK	0.83, 0.00, 0.00, 0.29
HSL	180°, 71%, 42%
HSV	180°, 83%, 71%
XYZ	25.4294, 36.6752, 49.4548
YIQ	136.1500, -89.4000, -31.8000

Conversions

Conversions Part 2

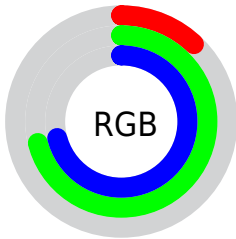
Format	Color
R_{YB}	31, 106, 181
Decimal	2078133
CIE _{Lab}	67.03, -35.72, -10.58
CIE _{LCh}	67, 37.250, 196.497
Yxy	36.6752, 0.2279, 0.3288
Android (android.graphics.Color)	4280268213 (0xFF1FB5B5)
YUV	136.1500, 22.1110, -92.2166
Hunter-Lab	60.5601, -31.0273, -6.0256

Details

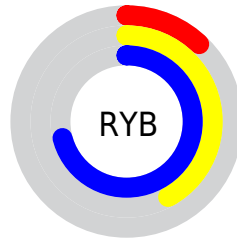
The Hex color **1FB5B5** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B51F1F**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **6CEDED**, and **007F80** is the 20% darker color. If you saturate the color by 10%, you get **0DB5B5**, and if you desaturate by 10%, it is **31B5B5**.

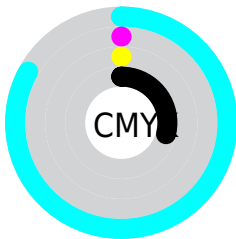
Distribution



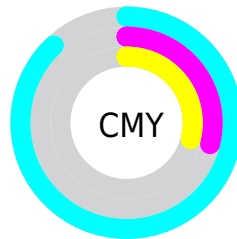
- Red (12%)
- Green (71%)
- Blue (71%)



- Red (12%)
- Yellow (42%)
- Blue (71%)



- Cyan (83%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 1FB5B5 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 1FB5B5 by changing the saturation by 10% instead.



1FB5B5



1FB5B5

FFFFFF



009A9A



6CEDED



007F80



8BFFFF



006667



A9FFFF



004D4F



C8FFFF



003538



E6FFFF



002123



00010D



000000



1FB5B5



1FB5B5

0DB5B5

31B5B5

00B5B5

43B5B5

55B5B5

67B5B5

7AB5B5

8CB5B5

9EB5B5

B0B5B5

C2B5B5

Harmonies

Analogous

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



55B492



1FB5B5



11B2D3

Triad

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



1FB5B5



BE94D2



C69C62

Complementary

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



1FB5B5



B51F1F

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.



DD9174



1FB5B5



DB8BB4

Square

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



1FB5B5



90A0E3



E58992



A7A762

Rectangle

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



1FB5B5



41AEE0



E58992



CF9866

Sweetspot

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



1FB5B5



B0EBEB



1FB51F



527575



F5F5F5



757575

Same Dimension

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



1FB5B5



02EBEB



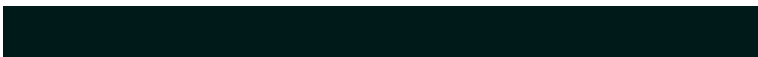
1F6AB5



505959



009999



001A1A

Inverse Universe

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



B51FB5



EB02EB



B56A1F



595059



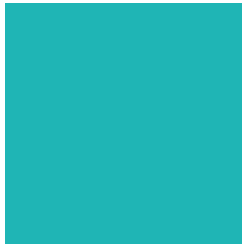
990099



1A001A

Previews

White Background



This preview shows how the Hex color 1FB5B5 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 1FB5B5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

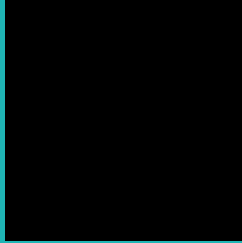
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

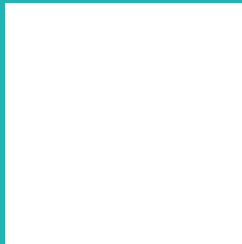
Any Text WCAG AAA ✓ Pass

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

Hex 1FB5B5 Background



This preview shows how black text looks on a background with the Hex color 1FB5B5.

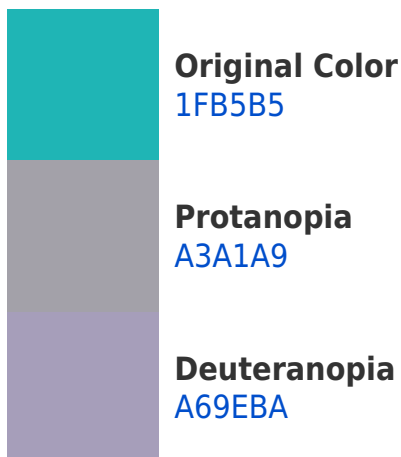


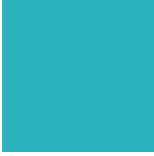
This preview shows how white text looks on a background with the Hex color 1FB5B5.

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](#).

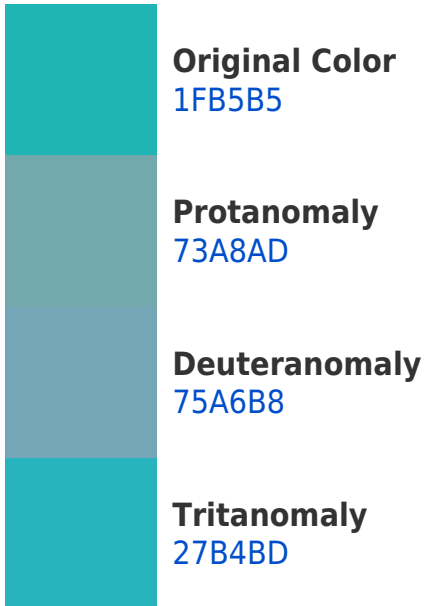
Dichromacy



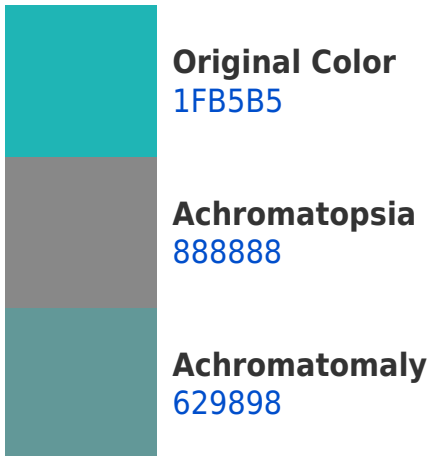


Tritanopia
2CB3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1FB5B5 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 #1FB5B5 looks like.

```
.text, #text, p{  
    color:#1FB5B5  
}
```

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 #1FB5B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FB5B5
}
```

Border

The CSS property to change the border of an element to Hex 1FB5B5 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
#1FB5B5 }
```

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

```
.border{ border-color:#1FB5B5 }
```

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

Here you see how a box with a 4 pixel #1FB5B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FB5B5; -webkit-box-shadow:4px 4px  
4px 4px #1FB5B5; box-shadow:4px 4px 4px  
4px #1FB5B5 }
```

Background

The CSS property to change the background color of an element to Hex 1FB5B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FB5B5 }
```

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

```
.background{ background-color:#1FB5B5 }
```

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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