

Converting Colors

Hex(1FB980)

Have a look what the booklet for
Hex(1FB980) contains.

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Color

Hex(1FB980)

Conversions

Conversions Part 1

Format	Color
Hex	1FB980
RGB	31, 185, 128
RGB Percent	12%, 73%, 50%
CMY	0.8784, 0.2745, 0.4980
CMYK	0.83, 0.00, 0.31, 0.27
HSL	158°, 71%, 42%
HSV	158°, 83%, 73%
XYZ	21.8103, 36.5477, 26.3270
YIQ	132.4560, -73.4870, -50.3750

Conversions

Conversions Part 2

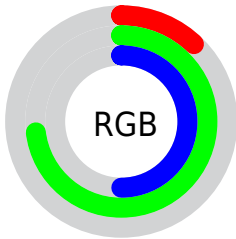
Format	Color
RYB	31, 125, 185
Decimal	2079104
CIELab	66.94, -51.37, 18.40
CIELCh	67, 54.568, 160.299
Yxy	36.5477, 0.2575, 0.4316
Android (android.graphics.Color)	4280269184 (0xFF1FB980)
YUV	132.4560, -2.1968, -88.9769
Hunter-Lab	60.4547, -41.3981, 16.4986

Details

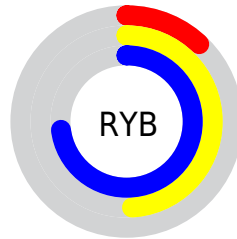
The Hex color **1FB980** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B91F58**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **69F2B5**, and **00834F** is the 20% darker color. If you saturate the color by 10%, you get **0CB979**, and if you desaturate by 10%, it is **32B987**.

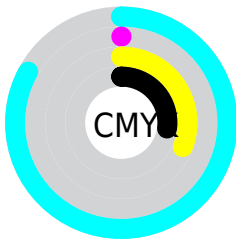
Distribution



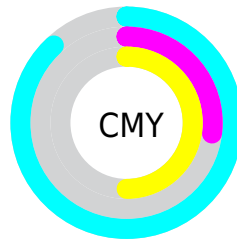
- Red (12%)
- Green (73%)
- Blue (50%)



- Red (12%)
- Yellow (49%)
- Blue (73%)



- Cyan (83%)
- Magenta (0%)
- Yellow (31%)
- Black (27%)



- Cyan (88%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FB980 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 1FB980 by changing the saturation by 10% instead.

 1FB980

 1FB980

FFFFFF

 009D67

 69F2B5

 00834F

 87FFD1

 006837

 A5FFED

 004F21

 C3FFFF

 00370C

 E2FFFF

 002000

 000000

 1FB980

 1FB980

 0CB979

 32B987

00B975

44B98E

56B995

69B99B

7CB9A2

8EB9A9

A1B9B0

B3B9B7

C5B9BE

Harmonies

Analogous

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



79B254



1FB980



00BBB3

Triad

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



1FB980



69A2FF



F68266

Complementary

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



1FB980



B91F58

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.



FE7894



1FB980



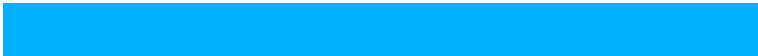
BC8FEE

Square

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



1FB980



00B1FF



EC7DC5



D99544

Rectangle

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



1FB980



00BAD3



EC7DC5



FB7D74

Sweetspot

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



1FB980



B4F0DA



5AB91F



54786B



F7F7F7



787878

Same Dimension

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



1FB980



00F097



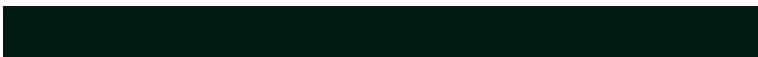
1FA7B9



535C58



009C62



001C12

Inverse Universe

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



B91F58



F00059



B9311F



5C5356



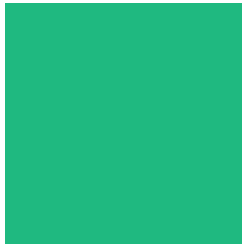
9C003A



1C000A

Previews

White Background



This preview shows how the Hex color 1FB980 looks on a white background.

Color Contrast Check

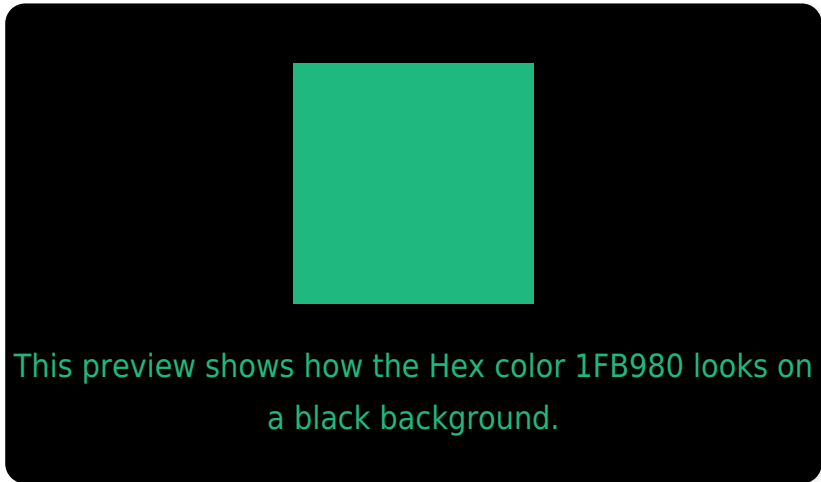
Large Text (above 18pt) WCAG AA × Fail

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

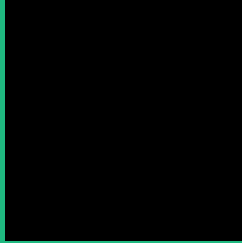
Any Text WCAG AA ✓ Pass

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 1FB980 Background



This preview shows how black text looks on a background with the Hex color 1FB980.

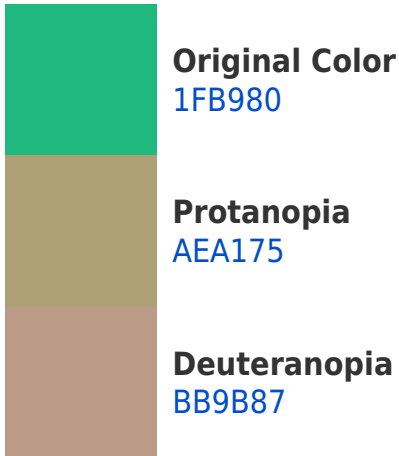


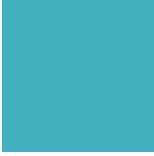
This preview shows how white text looks on a background with the Hex color 1FB980.

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
44B1BF

Trichromacy



Original Color
1FB980



Protanomaly
7AAA79



Deuteranomaly
82A684



Tritanomaly
37B4A8

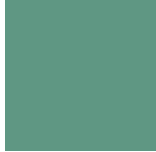
Monochromacy



Original Color
1FB980



Achromatopsia
848484



Achromatomaly
5F9783

CSS Examples

Text

The CSS property to change the color of the text to Hex 1FB980 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 #1FB980 looks like.

```
.text, #text, p{  
    color:#1FB980  
}
```

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 #1FB980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FB980
}
```

Border

The CSS property to change the border of an element to Hex 1FB980 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
#1FB980 }
```

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

```
.border{ border-color:#1FB980 }
```

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

Here you see how a box with a 4 pixel #1FB980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FB980; -webkit-box-shadow:4px 4px  
4px 4px #1FB980; box-shadow:4px 4px 4px  
4px #1FB980 }
```

Background

The CSS property to change the background color of an element to Hex 1FB980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FB980 }
```

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

```
.background{ background-color:#1FB980 }
```

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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