

Converting Colors

Hex(1FC8A1)

Have a look what the booklet for
Hex(1FC8A1) contains.

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Color

Hex(1FC8A1)

Conversions

Conversions Part 1

Format	Color
Hex	1FC8A1
RGB	31, 200, 161
RGB Percent	12%, 78%, 63%
CMY	0.8784, 0.2157, 0.3686
CMYK	0.84, 0.00, 0.20, 0.22
HSL	166°, 73%, 45%
HSV	166°, 84%, 78%
XYZ	27.6524, 44.1731, 40.7870
YIQ	145.0230, -88.2050, -47.9570

Conversions

Conversions Part 2

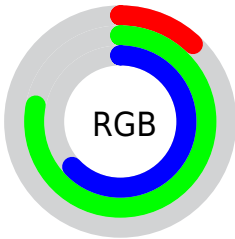
Format	Color
RYB	31, 127, 200
Decimal	2082977
CIELab	72.34, -49.48, 8.14
CIELCh	72, 50.149, 170.654
Yxy	44.1731, 0.2456, 0.3923
Android (android.graphics.Color)	4280273057 (0xFF1FC8A1)
YUV	145.0230, 7.8767, -99.9982
Hunter-Lab	66.4628, -42.0436, 10.1388

Details

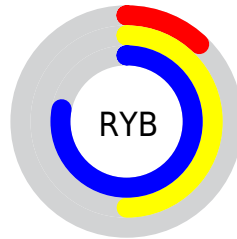
The Hex color **1FC8A1** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C81F46**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6DFFD8**, and **00916D** is the 20% darker color. If you saturate the color by 10%, you get **0BC89C**, and if you desaturate by 10%, it is **33C8A6**.

Distribution



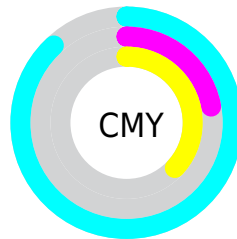
- Red (12%)
- Green (78%)
- Blue (63%)



- Red (12%)
- Yellow (50%)
- Blue (78%)



- Cyan (84%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)



- Cyan (88%)
- Magenta (22%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FC8A1 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 1FC8A1 by changing the saturation by 10% instead.

 1FC8A1

 1FC8A1

FFFFFF

 00AC87

 6DFFD8

 00916D

 8DFFF4

 007655

 ACFFFF

 005D3E

 CAFFFF

 004428

 E9FFFF

 002E14

 000F00

 000000

 1FC8A1

 1FC8A1

 0BC89C

 33C8A6

 00C89A

 47C8AA

 5BC8AF

 6FC8B3

 83C8B8

 97C8BD

 ABC8C1

 BFC8C6

 D3C8CB

Harmonies

Analogous

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



78C375



1FC8A1



00C9D0

Triad

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



1FC8A1



9EABFF



FA996C

Complementary

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



1FC8A1



C81F46

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.



FF8D94



1FC8A1



DC99EC

Square

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



1FC8A1



37BAFF



FF8DC2



D9AA55

Rectangle

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



1FC8A1



00C6EC



FF8DC2



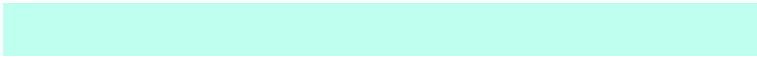
FF9478

Sweetspot

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



1FC8A1



BFFFF0



46C81F



598077



000000



808080

Same Dimension

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



1FC8A1



00FFC4



1F9BC8



5A6361



00A37E



00241B

Inverse Universe

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



C81F46



FF003B



C84C1F



635A5C



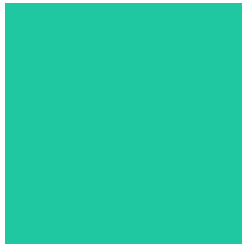
A30026



240008

Previews

White Background



This preview shows how the Hex color 1FC8A1 looks on a white background.

Color Contrast Check

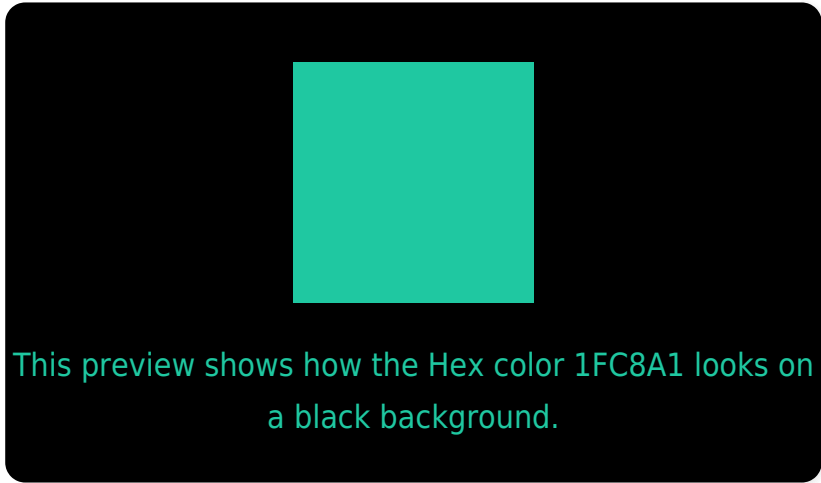
Large Text (above 18pt) WCAG AA × Fail

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

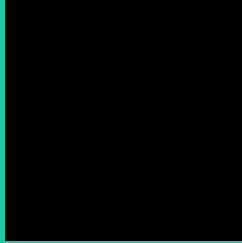
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

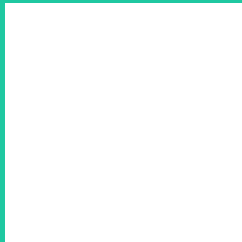
Any Text WCAG AAA ✓ Pass

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

Hex 1FC8A1 Background



This preview shows how black text looks on a background with the Hex color 1FC8A1.



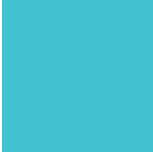
This preview shows how white text looks on a background with the Hex color 1FC8A1.

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
42C1D1

Trichromacy



Original Color
1FC8A1



Protanomaly
81B899



Deuteranomaly
88B5A5



Tritanomaly
35C4C0

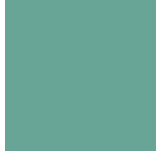
Monochromacy



Original Color
1FC8A1



Achromatopsia
919191



Achromatomaly
68A597

CSS Examples

Text

The CSS property to change the color of the text to Hex 1FC8A1 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 #1FC8A1 looks like.

```
.text, #text, p{  
  color:#1FC8A1  
}
```

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 #1FC8A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FC8A1
}
```

Border

The CSS property to change the border of an element to Hex 1FC8A1 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
#1FC8A1 }
```

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

```
.border{ border-color:#1FC8A1 }
```

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

Here you see how a box with a 4 pixel #1FC8A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FC8A1; -webkit-box-shadow:4px 4px  
4px 4px #1FC8A1; box-shadow:4px 4px 4px  
4px #1FC8A1 }
```

Background

The CSS property to change the background color of an element to Hex 1FC8A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FC8A1 }
```

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

```
.background{ background-color:#1FC8A1 }
```

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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