

Converting Colors

Hex(2FCFB1)

Have a look what the booklet for
Hex(2FCFB1) contains.

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Color

Hex(2FCFB1)

Conversions

Conversions Part 1

Format	Color
Hex	2FCFB1
RGB	47, 207, 177
RGB Percent	18%, 81%, 69%
CMY	0.8157, 0.1882, 0.3059
CMYK	0.77, 0.00, 0.14, 0.19
HSL	169°, 63%, 50%
HSV	169°, 77%, 81%
XYZ	31.4209, 48.4043, 49.2819
YIQ	155.7400, -85.7300, -43.2500

Conversions

Conversions Part 2

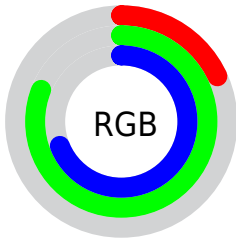
Format	Color
RYB	47, 135, 207
Decimal	3133361
CIELab	75.08, -46.86, 3.48
CIELCh	75, 46.987, 175.759
Yxy	48.4043, 0.2434, 0.3749
Android (android.graphics.Color)	4281323441 (0xFF2FCFB1)
YUV	155.7400, 10.4812, -95.3650
Hunter-Lab	69.5732, -41.1382, 6.7034

Details

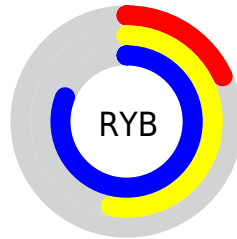
The Hex color **2FCFB1** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CF2F4D**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **77FFE9**, and **00987D** is the 20% darker color. If you saturate the color by 10%, you get **1ACFAD**, and if you desaturate by 10%, it is **44CFB5**.

Distribution



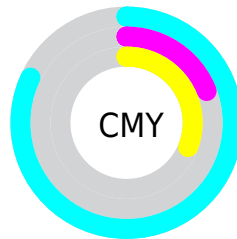
- Red (18%)
- Green (81%)
- Blue (69%)



- Red (18%)
- Yellow (53%)
- Blue (81%)



- Cyan (77%)
- Magenta (0%)
- Yellow (14%)
- Black (19%)



- Cyan (82%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FCFB1 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 2FCFB1 by changing the saturation by 10% instead.

 2FCFB1

 2FCFB1

FFFFFF

 00B396

 77FFE9

 00987D

 96FFFF

 007D64

 B5FFFF

 00634C

 D4FFFF

 004A35

 F2FFFF

 003220

 001B09

 000000

 2FCFB1

 2FCFB1

■ 1ACFAD

■ 44CFB5

■ 06CFA9

■ 58CFB9

■ 00CFA8

■ 6DCFB0

■ 82CFC1

■ 96CFC4

■ ABCFC8

■ C0CFCC

■ D5CFD0

■ E9CFD4

Harmonies

Analogous

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



7ACB87



2FCFB1



00CFDD

Triad

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



2FCFB1



B4B0FF



FAA573

Complementary

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



2FCFB1



CF2F4D

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.



FF9996



2FCFB1



E9A0EA

Square

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



2FCFB1



66BFFF



FF96C1



D9B461

Rectangle

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



2FCFB1



00CCF6



FF96C1



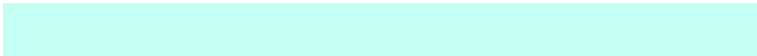
FFA07D

Sweetspot

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



2FCFB1



C4FFF4



4FCF2F



5C8079



000000



808080

Same Dimension

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



2FCFB1



12FFD3



2F9FCF



5E6967



00A889



002921

Inverse Universe

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



CF2F4D



FF123E



CF5F2F



695E60



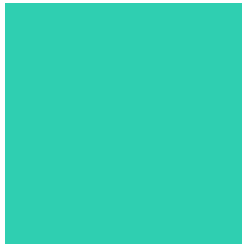
A80020



290008

Previews

White Background



This preview shows how the Hex color 2FCFB1 looks on a white background.

Color Contrast Check

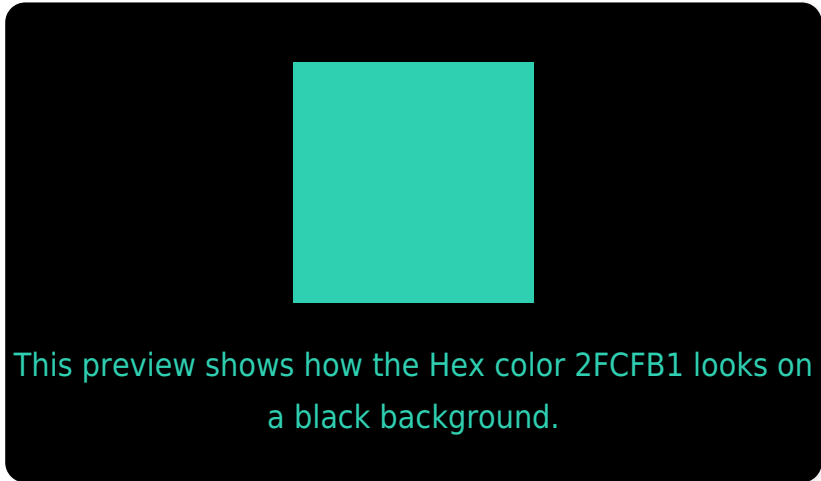
Large Text (above 18pt) WCAG AA × Fail

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

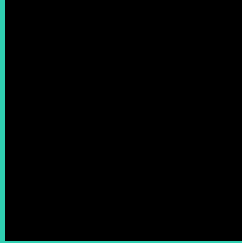
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

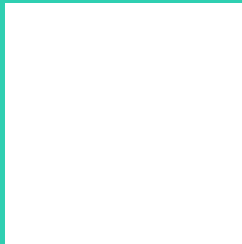
Any Text WCAG AAA ✓ Pass

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

Hex 2FCFB1 Background



This preview shows how black text looks on a background with the Hex color 2FCFB1.



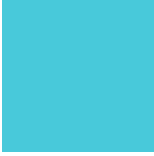
This preview shows how white text looks on a background with the Hex color 2FCFB1.

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](#).

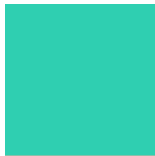
Dichromacy





Tritanopia
48C9DA

Trichromacy



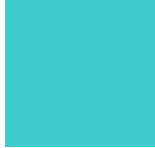
Original Color
2FCFB1



Protanomaly
8BC0A9



Deuteranomaly
91BCB5



Tritanomaly
3FCBCB

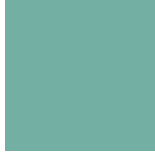
Monochromacy



Original Color
2FCFB1



Achromatopsia
9C9C9C



Achromatomaly
74AFA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FCFB1 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 #2FCFB1 looks like.

```
.text, #text, p{  
    color:#2FCFB1  
}
```

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 #2FCFB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FCFB1
}
```

Border

The CSS property to change the border of an element to Hex 2FCFB1 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
#2FCFB1 }
```

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

```
.border{ border-color:#2FCFB1 }
```

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

Here you see how a box with a 4 pixel #2FCFB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FCFB1; -webkit-box-shadow:4px 4px  
4px 4px #2FCFB1; box-shadow:4px 4px 4px  
4px #2FCFB1 }
```

Background

The CSS property to change the background color of an element to Hex 2FCFB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FCFB1 }
```

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

```
.background{ background-color:#2FCFB1 }
```

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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