

# Converting Colors

Hex(2FC5BB)

Have a look what the booklet for  
Hex(2FC5BB) contains.

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**Color**

**Hex(2FC5BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2FC5BB
RGB	47, 197, 187
RGB Percent	18%, 77%, 73%
CMY	0.8157, 0.2275, 0.2667
CMYK	0.76, 0.00, 0.05, 0.23
HSL	176°, 61%, 48%
HSV	176°, 76%, 77%
XYZ	30.1082, 44.1247, 53.9438
YIQ	151.0100, -86.1900, -34.9100

# Conversions

## Conversions Part 2

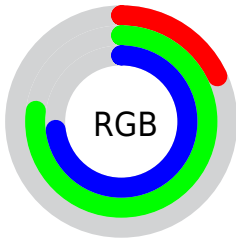
Format	Color
<a href="#">RYB</a>	<a href="#">47, 125, 197</a>
Decimal	<a href="#">3130811</a>
CIELab	<a href="#">72.31, -39.81, -5.99</a>
CIELCh	<a href="#">72, 40.262, 188.561</a>
Yxy	<a href="#">44.1247, 0.2349, 0.3442</a>
Android (android.graphics.Color)	<a href="#">4281320891 (0xFF2FC5BB)</a>
YUV	<a href="#">151.0100, 17.7431, -91.2168</a>
Hunter-Lab	<a href="#">66.4264, -35.3400, -1.6499</a>

# Details

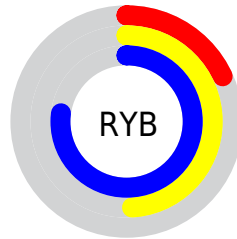
The Hex color **2FC5BB** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C52F39**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **76FEF3**, and **008E86** is the 20% darker color. If you saturate the color by 10%, you get **1BC5BA**, and if you desaturate by 10%, it is **43C5BC**.

# Distribution



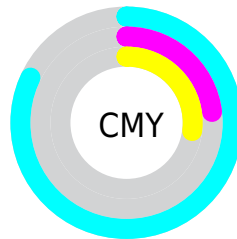
- Red (18%)
- Green (77%)
- Blue (73%)



- Red (18%)
- Yellow (49%)
- Blue (77%)



- Cyan (76%)
- Magenta (0%)
- Yellow (5%)
- Black (23%)



- Cyan (82%)
- Magenta (23%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2FC5BB 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 2FC5BB by changing the saturation by 10% instead.



 2FC5BB

 2FC5BB

FFFFFF

 00A9A0

 76FEF3

 008E86

 95FFFF

 00746D

 B4FFFF

 005B54

 D2FFFF

 00423D

 F1FFFF

 002C28

 001014

 000000

 2FC5BB

 2FC5BB

■ 1BC5BA

■ 43C5BC

■ 08C5B8

■ 56C5BE

■ 00C5B8

■ 6AC5BF

■ 7EC5C0

■ 92C5C2

■ A5C5C3

■ B9C5C4

■ CDC5C6

■ E0C5C7

# Harmonies

## Analogous

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



69C395



2FC5BB



00C3DE

# Triad

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



2FC5BB



C3A4EB



E0A66D

# Complementary

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



2FC5BB



C52F39

# 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.



F49A85



2FC5BB



E898CD

# Square

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



2FC5BB



8DB1FA



F894A8



BFB367

# Rectangle

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



2FC5BB



2EBFEF



F894A8



E8A274

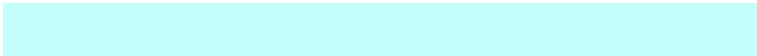


# Sweetspot

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



2FC5BB



C4FFFB



39C52F



5C807D



000000



808080



# Same Dimension

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



2FC5BB



17FFF0



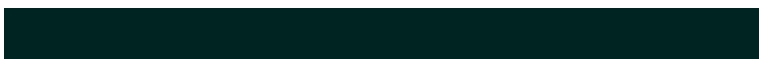
2F84C5



5A6363



00A398



002421



# Inverse Universe

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



C52F39



FF1726



C5702F



635A5A



A3000B

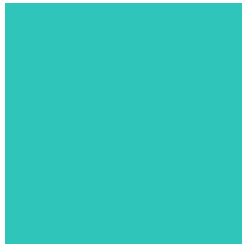


240002



# Previews

## White Background



This preview shows how the Hex color 2FC5BB 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 2FC5BB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

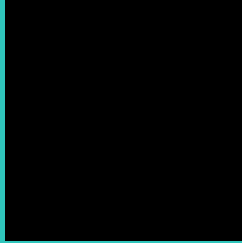
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

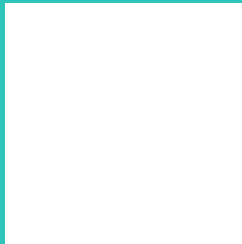
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2FC5BB Background



This preview shows how black text looks on a background with the Hex color 2FC5BB.



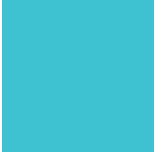
This preview shows how white text looks on a background with the Hex color 2FC5BB.

# 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**  
3EC2D1

# Trichromacy



**Original Color**  
2FC5BB



**Protanomaly**  
83B7B3



**Deuteranomaly**  
87B4BF



**Tritanomaly**  
39C3C9

# Monochromacy



**Original Color**  
2FC5BB



**Achromatopsia**  
979797



**Achromatomaly**  
71A8A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2FC5BB 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 #2FC5BB looks like.

```
.text, #text, p{  
    color:#2FC5BB  
}
```

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 #2FC5BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FC5BB
}
```

## Border

The CSS property to change the border of an element to Hex 2FC5BB 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
#2FC5BB }
```

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

```
.border{ border-color:#2FC5BB }
```

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

Here you see how a box with a 4 pixel #2FC5BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FC5BB; -webkit-box-shadow:4px 4px  
4px 4px #2FC5BB; box-shadow:4px 4px 4px  
4px #2FC5BB }
```

# Background

The CSS property to change the background color of an element to Hex 2FC5BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FC5BB }
```

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

```
.background{ background-color:#2FC5BB }
```

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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