

Converting Colors

Hex(2FC6A1)

Have a look what the booklet for
Hex(2FC6A1) contains.

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Color

Hex(2FC6A1)

Conversions

Conversions Part 1

Format	Color
Hex	2FC6A1
RGB	47, 198, 161
RGB Percent	18%, 78%, 63%
CMY	0.8157, 0.2235, 0.3686
CMYK	0.76, 0.00, 0.19, 0.22
HSL	165°, 62%, 48%
HSV	165°, 76%, 78%
XYZ	27.7994, 43.5657, 40.6621
YIQ	148.6330, -78.1190, -43.5190

Conversions

Conversions Part 2

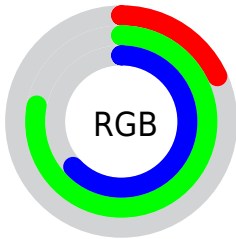
Format	Color
RYB	47, 133, 198
Decimal	3131041
CIELab	71.94, -47.14, 7.59
CIElCh	72, 47.751, 170.854
Yxy	43.5657, 0.2481, 0.3889
Android (android.graphics.Color)	4281321121 (0xFF2FC6A1)
YUV	148.6330, 6.0969, -89.1321
Hunter-Lab	66.0043, -40.3278, 9.6773

Details

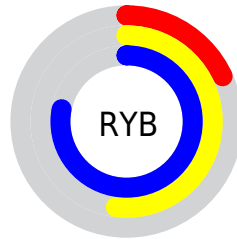
The Hex color **2FC6A1** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C62F54**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **75FFD8**, and **008F6D** is the 20% darker color. If you saturate the color by 10%, you get **1BC69C**, and if you desaturate by 10%, it is **43C6A6**.

Distribution



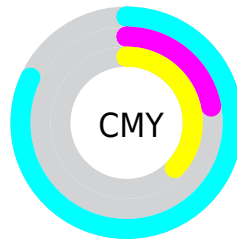
- Red (18%)
- Green (78%)
- Blue (63%)



- Red (18%)
- Yellow (52%)
- Blue (78%)



- Cyan (76%)
- Magenta (0%)
- Yellow (19%)
- Black (22%)



- Cyan (82%)
- Magenta (22%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FC6A1 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 2FC6A1 by changing the saturation by 10% instead.

 2FC6A1

 2FC6A1

FFFFFF

 00AA87

 75FFD8

 008F6D

 93FFF4

 007555

 B2FFFF

 005B3E

 D0FFFF

 004228

 EEEFFF

 002C14

 000D00

 000000

 2FC6A1

 2FC6A1

 1BC69C

 43C6A6

 07C697

 57C6AB

 00C695

 6AC6B0

 7EC6B4

 92C6B9

 A6C6BE

 BAC6C3

 CDC6C8

 E1C6CD

Harmonies

Analogous

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



7AC177



2FC6A1



00C7CE

Triad

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



2FC6A1



9FAAFF



F59A6E

Complementary

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



2FC6A1



C62F54

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.



FF8E94



2FC6A1



DA99E8

Square

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



2FC6A1



45B9FF



FB8EC0



D7A959

Rectangle

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



2FC6A1



00C4E8



FB8EC0



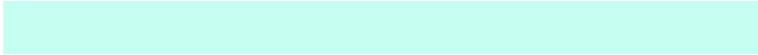
FC9579

Sweetspot

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



2FC6A1



C4FFF1



55C62F



5C8077



000000



808080

Same Dimension

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



2FC6A1



14FFC6



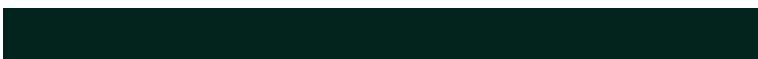
2FA0C6



5A6361



00A37B



00241B

Inverse Universe

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



C62F54



FF144E



C6552F



635A5C



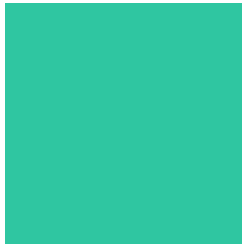
A30028



240009

Previews

White Background



This preview shows how the Hex color 2FC6A1 looks on a white background.

Color Contrast Check

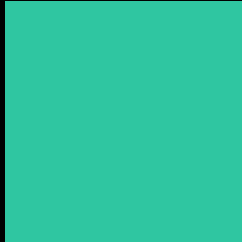
Large Text (above 18pt) WCAG AA × Fail

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 2FC6A1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

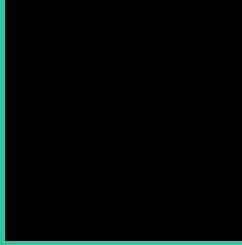
Any Text WCAG AA ✓ Pass

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 2FC6A1 Background



This preview shows how black text looks on a background with the Hex color 2FC6A1.

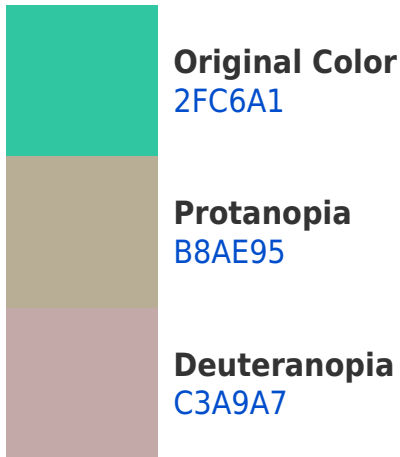


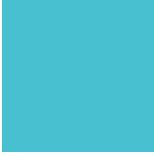
This preview shows how white text looks on a background with the Hex color 2FC6A1.

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
49C0CF

Trichromacy



Original Color
2FC6A1



Protanomaly
86B799

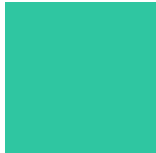


Deuteranomaly
8DB4A5



Tritanomaly
40C2BE

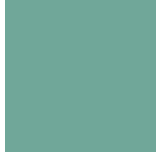
Monochromacy



Original Color
2FC6A1



Achromatopsia
959595



Achromatomaly
70A799

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FC6A1 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 #2FC6A1 looks like.

```
.text, #text, p{  
    color:#2FC6A1  
}
```

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 #2FC6A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FC6A1
}
```

Border

The CSS property to change the border of an element to Hex 2FC6A1 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
#2FC6A1 }
```

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

```
.border{ border-color:#2FC6A1 }
```

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

Here you see how a box with a 4 pixel #2FC6A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FC6A1; -webkit-box-shadow:4px 4px  
4px 4px #2FC6A1; box-shadow:4px 4px 4px  
4px #2FC6A1 }
```

Background

The CSS property to change the background color of an element to Hex 2FC6A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FC6A1 }
```

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

```
.background{ background-color:#2FC6A1 }
```

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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