

Converting Colors

Hex(2FC6A6)

Have a look what the booklet for
Hex(2FC6A6) contains.

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Color

Hex(2FC6A6)

Conversions

Conversions Part 1

Format	Color
Hex	2FC6A6
RGB	47, 198, 166
RGB Percent	18%, 78%, 65%
CMY	0.8157, 0.2235, 0.3490
CMYK	0.76, 0.00, 0.16, 0.22
HSL	167°, 62%, 48%
HSV	167°, 76%, 78%
XYZ	28.2493, 43.7457, 43.0313
YIQ	149.2030, -79.7240, -41.9640

Conversions

Conversions Part 2

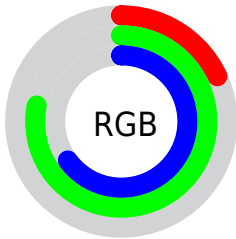
Format	Color
RYB	47, 131, 198
Decimal	3131046
CIELab	72.06, -45.88, 5.05
CIElCh	72, 46.161, 173.714
Yxy	43.7457, 0.2456, 0.3803
Android (android.graphics.Color)	4281321126 (0xFF2FC6A6)
YUV	149.2030, 8.2809, -89.6320
Hunter-Lab	66.1405, -39.5067, 7.7241

Details

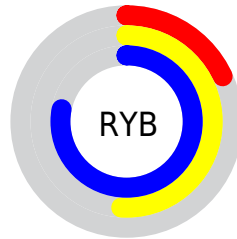
The Hex color **2FC6A6** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C62F4F**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **75FFDD**, and **008F72** is the 20% darker color. If you saturate the color by 10%, you get **1BC6A2**, and if you desaturate by 10%, it is **43C6AA**.

Distribution



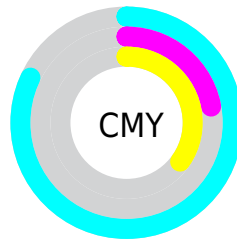
- Red (18%)
- Green (78%)
- Blue (65%)



- Red (18%)
- Yellow (51%)
- Blue (78%)



- Cyan (76%)
- Magenta (0%)
- Yellow (16%)
- Black (22%)



- Cyan (82%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FC6A6 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 2FC6A6 by changing the saturation by 10% instead.



2FC6A6



2FC6A6

FFFFFF



00AA8C



75FFDD



008F72



94FFFA



00755A



B2FFFF



005B42



D0FFFF



00432C



FFFFFF



002C18



000E00



000000



2FC6A6



2FC6A6

■ 1BC6A2

■ 43C6AA

■ 07C69E

■ 57C6AE

■ 00C69C

■ 6AC6B3

■ 7EC6B7

■ 92C6BB

■ A6C6BF

■ BAC6C3

■ CDC6C8

■ E1C6CC

Harmonies

Analogous

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



77C17D



2FC6A6



00C6D1

Triad

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



2FC6A6



A7A9FE



F29C6E

Complementary

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



2FC6A6



C62F4F

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.



FF9091



2FC6A6



DD99E3

Square

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



2FC6A6



58B8FF



FB8FBB



D3AB5C

Rectangle

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



2FC6A6



00C4EA



FB8FBB



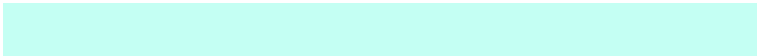
F99778

Sweetspot

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



2FC6A6



C4FFF3



50C62F



5C8078



000000



808080

Same Dimension

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



2FC6A6



14FFCD



2F9BC6



5A6361



00A381



00241C

Inverse Universe

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



C62F4F



FF1446



C65A2F



635A5C



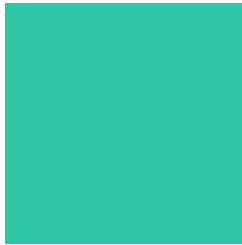
A30023



240008

Previews

White Background



This preview shows how the Hex color 2FC6A6 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 2FC6A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

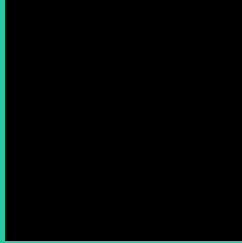
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

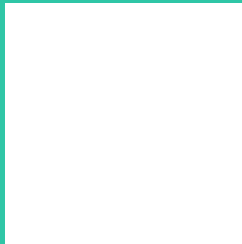
Any Text WCAG AAA ✓ Pass

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

Hex 2FC6A6 Background



This preview shows how black text looks on a background with the Hex color 2FC6A6.



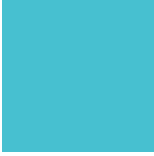
This preview shows how white text looks on a background with the Hex color 2FC6A6.

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](#).

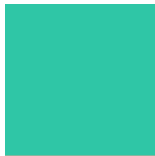
Dichromacy





Tritanopia
47C0D0

Trichromacy



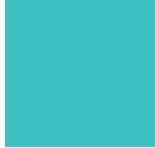
Original Color
2FC6A6



Protanomaly
86B79E



Deuteranomaly
8CB4AA



Tritanomaly
3EC2C1

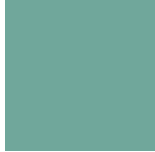
Monochromacy



Original Color
2FC6A6



Achromatopsia
959595



Achromatomaly
70A79B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FC6A6 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 #2FC6A6 looks like.

```
.text, #text, p{  
    color:#2FC6A6  
}
```

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 #2FC6A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FC6A6
}
```

Border

The CSS property to change the border of an element to Hex 2FC6A6 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
#2FC6A6 }
```

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

```
.border{ border-color:#2FC6A6 }
```

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

Here you see how a box with a 4 pixel #2FC6A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FC6A6; -webkit-box-shadow:4px 4px  
4px 4px #2FC6A6; box-shadow:4px 4px 4px  
4px #2FC6A6 }
```

Background

The CSS property to change the background color of an element to Hex 2FC6A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FC6A6 }
```

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

```
.background{ background-color:#2FC6A6 }
```

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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