

Converting Colors

Hex(2FC097)

Have a look what the booklet for
Hex(2FC097) contains.

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Color

Hex(2FC097)

Conversions

Conversions Part 1

Format	Color
Hex	2FC097
RGB	47, 192, 151
RGB Percent	18%, 75%, 59%
CMY	0.8157, 0.2471, 0.4078
CMYK	0.76, 0.00, 0.21, 0.25
HSL	163°, 61%, 47%
HSV	163°, 76%, 75%
XYZ	25.6078, 40.5380, 35.7531
YIQ	143.9710, -73.2590, -43.4910

Conversions

Conversions Part 2

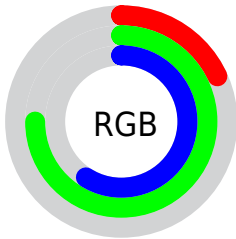
Format	Color
RYB	47, 131, 192
Decimal	3129495
CIELab	69.85, -47.11, 10.04
CIElCh	70, 48.170, 167.970
Yxy	40.5380, 0.2513, 0.3978
Android (android.graphics.Color)	4281319575 (0xFF2FC097)
YUV	143.9710, 3.4653, -85.0436
Hunter-Lab	63.6694, -39.6288, 11.2748

Details

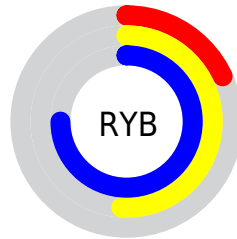
The Hex color **2FC097** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C02F58**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **73F9CD**, and **008964** is the 20% darker color. If you saturate the color by 10%, you get **1CC092**, and if you desaturate by 10%, it is **42C09C**.

Distribution



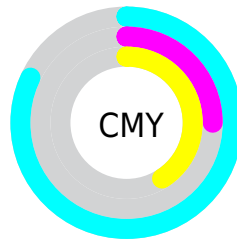
- Red (18%)
- Green (75%)
- Blue (59%)



- Red (18%)
- Yellow (51%)
- Blue (75%)



- Cyan (76%)
- Magenta (0%)
- Yellow (21%)
- Black (25%)



- Cyan (82%)
- Magenta (25%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FC097 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 2FC097 by changing the saturation by 10% instead.

 2FC097

 2FC097

FFFFFF

 00A47D

 73F9CD

 008964

 91FFE9

 006F4C

 AFFFFFF

 005635

 CDFFFF

 003D20

 ECFFFF

 002809

 000000

 2FC097

 2FC097

 1CC092

 42C09C

■ 09C08C

■ 55C0A2

■ 00C08A

■ 69C0A7

■ 7CC0AD

■ 8FC0B2

■ A2C0B8

■ B5C0BD

■ C9C0C2

■ DCC0C8

Harmonies

Analogous

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



79BB6E



2FC097



00C1C4

Triad

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



2FC097



92A6FE



F2926B

Complementary

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



2FC097



C02F58

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.



FE8792



2FC097



CF95E6

Square

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



2FC097



29B4FF



F388BE



D4A254

Rectangle

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



2FC097



00BFD9



F388BE



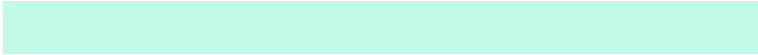
F88E77

Sweetspot

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



2FC097



C0FAEA



58C02F



5A7D73



FCFCFC



7D7D7D

Same Dimension

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



2FC097



16FABA



2FA1C0



57615E



00A173



002118

Inverse Universe

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



C02F58



FA1657



C04E2F



61575A



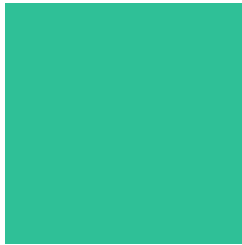
A1002D



210009

Previews

White Background



This preview shows how the Hex color 2FC097 looks on a white background.

Color Contrast Check

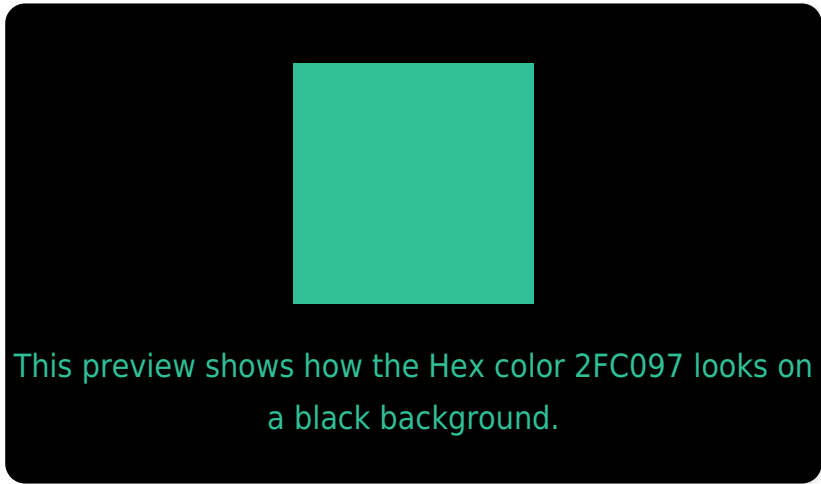
Large Text (above 18pt) WCAG AA × Fail

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 2FC097 Background



This preview shows how black text looks on a background with the Hex color 2FC097.



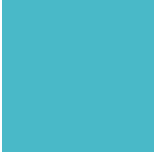
This preview shows how white text looks on a background with the Hex color 2FC097.

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
49B9C8

Trichromacy



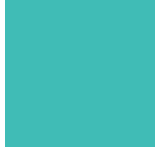
Original Color
2FC097



Protanomaly
83B190



Deuteranomaly
8AAE9B



Tritanomaly
40BCB6

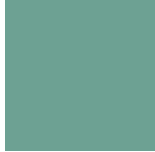
Monochromacy



Original Color
2FC097



Achromatopsia
909090



Achromatomaly
6DA193

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FC097 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 #2FC097 looks like.

```
.text, #text, p{  
    color:#2FC097  
}
```

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 #2FC097 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FC097
}
```

Border

The CSS property to change the border of an element to Hex 2FC097 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
#2FC097 }
```

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

```
.border{ border-color:#2FC097 }
```

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

Here you see how a box with a 4 pixel #2FC097 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FC097; -webkit-box-shadow:4px 4px  
4px 4px #2FC097; box-shadow:4px 4px 4px  
4px #2FC097 }
```

Background

The CSS property to change the background color of an element to Hex 2FC097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FC097 }
```

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

```
.background{ background-color:#2FC097 }
```

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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