

# Converting Colors

Hex(2CF4A3)

Have a look what the booklet for  
Hex(2CF4A3) contains.

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# Color

Hex(2CF4A3)

# Conversions

## Conversions Part 1

Format	Color
Hex	2CF4A3
RGB	44, 244, 163
RGB Percent	17%, 96%, 64%
CMY	0.8275, 0.0431, 0.3608
CMYK	0.82, 0.00, 0.33, 0.04
HSL	156°, 90%, 56%
HSV	156°, 82%, 96%
XYZ	40.0002, 67.8812, 45.6445
YIQ	174.9660, -93.1990, -67.5910

# Conversions

## Conversions Part 2

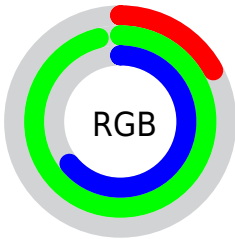
Format	Color
<a href="#">RYB</a>	<a href="#">44, 169, 244</a>
Decimal	<a href="#">2946211</a>
CIELab	<a href="#">85.95, -64.73, 26.09</a>
CIELCh	<a href="#">86, 69.791, 158.050</a>
Yxy	<a href="#">67.8812, 0.2605, 0.4421</a>
Android (android.graphics.Color)	<a href="#">4281136291 (0xFF2CF4A3)</a>
YUV	<a href="#">174.9660, -5.8992, -114.8572</a>
Hunter-Lab	<a href="#">82.3900, -57.5211, 24.8261</a>

# Details

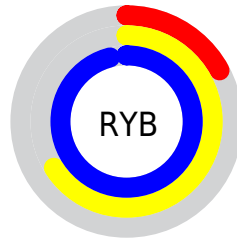
The Hex color **2CF4A3** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **F42C7D**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **7CFFDA**, and **00BA6F** is the 20% darker color. If you saturate the color by 10%, you get **14F499**, and if you desaturate by 10%, it is **44F4AD**.

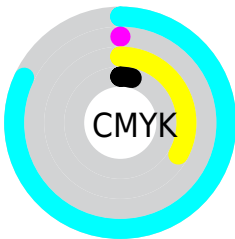
# Distribution



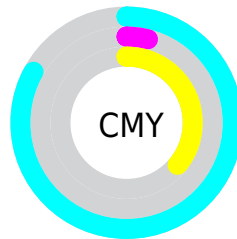
- Red (17%)
- Green (96%)
- Blue (64%)



- Red (17%)
- Yellow (66%)
- Blue (96%)



- Cyan (82%)
- Magenta (0%)
- Yellow (33%)
- Black (4%)



- Cyan (83%)
- Magenta (4%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CF4A3 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 2CF4A3 by changing the saturation by 10% instead.



 2CF4A3

 2CF4A3

FFFFFF

 00D788

 7CFFDA

 00BA6F

 9DFFF7

 009E56

 BDFFFF

 00833E

 DDFFFF

 006927

 FCFFFF

 004F10

 003700

 001D00

 000000

 2CF4A3

 2CF4A3

 14F499

 44F4AD

 00F491

 5DF4B7

 75F4C1

 8EF4CB

 A6F4D4

 BEF4DE

 D7F4E8

 EFF4F2

 FFF4FC

# Harmonies

## Analogous

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



A4EA69



2CF4A3



00F8E7

# Triad

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



2CF4A3



7AD8FF



FFA989

# Complementary

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



2CF4A3



F42C7D

# 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.



FF9CC8



2CF4A3



F2BEFF

# Square

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



2CF4A3



00EBFF



FFA5FF



FFC25A

# Rectangle

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



2CF4A3



00F7FF



FFA5FF



FFA29D

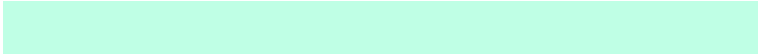


# Sweetspot

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



2CF4A3



BFFFE5



7FF42C



598070



000000



808080



# Same Dimension

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



2CF4A3



05FF9A



2CE3F4



6E7A75



00BA6F



003B23



# Inverse Universe

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



F42C7D



FF056A



F43D2C



7A6E73



BA004B

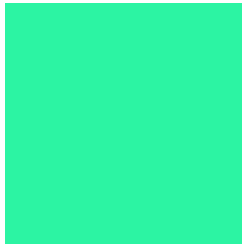


3B0018



# Previews

## White Background



This preview shows how the Hex color 2CF4A3 looks on a white background.

## Color Contrast Check

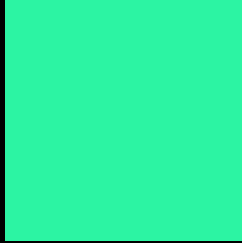
Large Text (above 18pt) WCAG AA × Fail

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 2CF4A3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

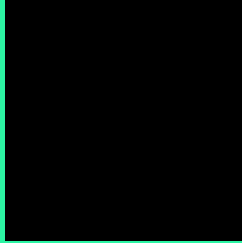
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 2CF4A3 Background



This preview shows how black text looks on a background with the Hex color 2CF4A3.

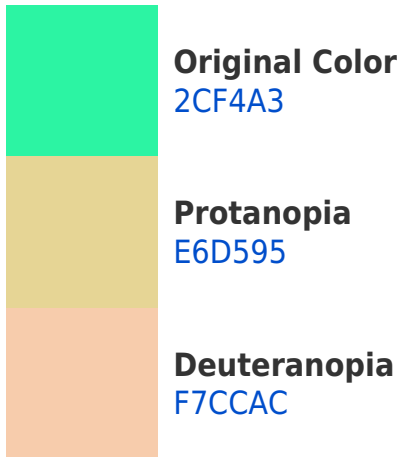


This preview shows how white text looks on a background with the Hex color 2CF4A3.

# 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](#).

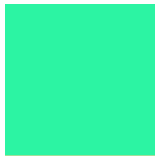
## Dichromacy





**Tritanopia**  
5DE9FC

# Trichromacy



**Original Color**  
2CF4A3



**Protanomaly**  
A2E09A



**Deuteranomaly**  
ADD8A6

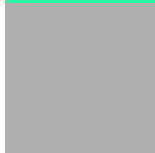


**Tritanomaly**  
4BEDDC

# Monochromacy



**Original Color**  
2CF4A3



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
7FC8AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CF4A3 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 #2CF4A3 looks like.

```
.text, #text, p{  
    color:#2CF4A3  
}
```

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 #2CF4A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CF4A3
}
```

## Border

The CSS property to change the border of an element to Hex 2CF4A3 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
#2CF4A3 }
```

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

```
.border{ border-color:#2CF4A3 }
```

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

Here you see how a box with a 4 pixel #2CF4A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CF4A3; -webkit-box-shadow:4px 4px  
4px 4px #2CF4A3; box-shadow:4px 4px 4px  
4px #2CF4A3 }
```

# Background

The CSS property to change the background color of an element to Hex 2CF4A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CF4A3 }
```

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

```
.background{ background-color:#2CF4A3 }
```

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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