

Converting Colors

Hex(4CF7A3)

Have a look what the booklet for
Hex(4CF7A3) contains.

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Color

Hex(4CF7A3)

Conversions

Conversions Part 1

Format	Color
Hex	4CF7A3
RGB	76, 247, 163
RGB Percent	30%, 97%, 64%
CMY	0.7020, 0.0314, 0.3608
CMYK	0.69, 0.00, 0.34, 0.03
HSL	151°, 91%, 63%
HSV	151°, 69%, 97%
XYZ	42.8521, 70.7024, 46.0387
YIQ	186.2950, -74.9520, -62.3760

Conversions

Conversions Part 2

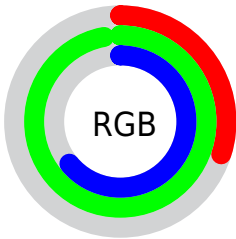
Format	Color
RYB	76, 189, 247
Decimal	5044131
CIELab	87.34, -62.04, 28.06
CIELCh	87, 68.087, 155.662
Yxy	70.7024, 0.2685, 0.4430
Android (android.graphics.Color)	4283234211 (0xFF4CF7A3)
YUV	186.2950, -11.4844, -96.7287
Hunter-Lab	84.0847, -56.1792, 26.3964

Details

The Hex color **4CF7A3** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **F74CA0**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **90FFDA**, and **00BD6F** is the 20% darker color. If you saturate the color by 10%, you get **33F797**, and if you desaturate by 10%, it is **65F7AF**.

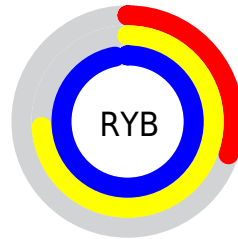
Distribution



Red (30%)

Green (97%)

Blue (64%)



Red (30%)

Yellow (74%)

Blue (97%)

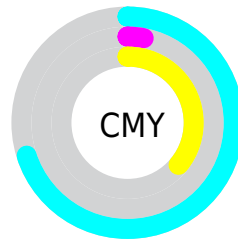


Cyan (69%)

Magenta (0%)

Yellow (34%)

Black (3%)



Cyan (70%)

Magenta (3%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CF7A3 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 4CF7A3 by changing the saturation by 10% instead.

 4CF7A3

FFFFFF

 90FFDA

 AFFFF7

 CEFFFF


 EDFFFF

 4CF7A3

 1BDA88

 00BD6F

 00A156

 00863E

 006C26

 00520F

 003900

 002100

 000000

 4CF7A3

 4CF7A3

 33F797

 65F7AF

 1BF78B

 7DF7BB

 02F77F

 96F7C7

 00F77E

 AFF7D4

 C7F7E0

 E0F7EC

 F9F7F8

 FFF7FF

Harmonies

Analogous

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



B0ED6C



4CF7A3



00FBE6

Triad

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



4CF7A3



76DEFF



FFAD93

Complementary

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



4CF7A3



F74CA0

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.



FFA2D1



4CF7A3



EFC5FF

Square

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



4CF7A3



00F0FF



FFACFF



FFC463

Rectangle

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



4CF7A3



00FAFF



FFACFF



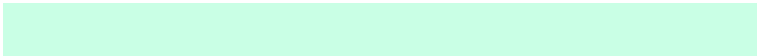
FFA7A6

Sweetspot

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



4CF7A3



C9FFE5



A1F74C



608070



000000



808080

Same Dimension

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



4CF7A3



2BFF97



4CF7F7



6E7A74



00BA5F



003B1E

Inverse Universe

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



F74CA0



FF2B93



F74C4C



7A6E74



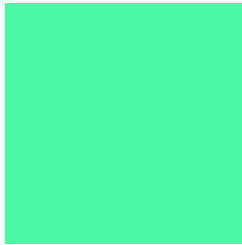
BA005B



3B001D

Previews

White Background



This preview shows how the Hex color 4CF7A3 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 4CF7A3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

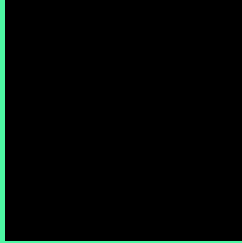
Any Text WCAG AA ✓ Pass

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 4CF7A3 Background



This preview shows how black text looks on a background with the Hex color 4CF7A3.

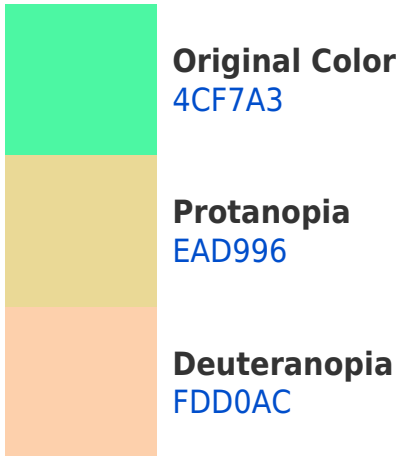


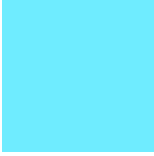
This preview shows how white text looks on a background with the Hex color 4CF7A3.

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
6FECFF

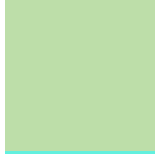
Trichromacy



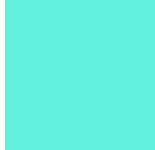
Original Color
4CF7A3



Protanomaly
B1E49B



Deuteranomaly
BDDEA9



Tritanomaly
62F0DE

Monochromacy



Original Color
4CF7A3



Achromatopsia
BABABA



Achromatomaly
92D0B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CF7A3 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 #4CF7A3 looks like.

```
.text, #text, p{  
    color:#4CF7A3  
}
```

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 #4CF7A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CF7A3
}
```

Border

The CSS property to change the border of an element to Hex 4CF7A3 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
#4CF7A3 }
```

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

```
.border{ border-color:#4CF7A3 }
```

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

Here you see how a box with a 4 pixel #4CF7A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CF7A3; -webkit-box-shadow:4px 4px  
4px 4px #4CF7A3; box-shadow:4px 4px 4px  
4px #4CF7A3 }
```

Background

The CSS property to change the background color of an element to Hex 4CF7A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CF7A3 }
```

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

```
.background{ background-color:#4CF7A3 }
```

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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