

Converting Colors

Hex(2DFAB7)

Have a look what the booklet for
Hex(2DFAB7) contains.

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Color

Hex(2DFAB7)

Conversions

Conversions Part 1

Format	Color
Hex	2DFAB7
RGB	45, 250, 183
RGB Percent	18%, 98%, 72%
CMY	0.8235, 0.0196, 0.2824
CMYK	0.82, 0.00, 0.27, 0.02
HSL	160°, 95%, 58%
HSV	160°, 82%, 98%
XYZ	43.8150, 72.3480, 56.4550
YIQ	181.0670, -100.6730, -64.2970

Conversions

Conversions Part 2

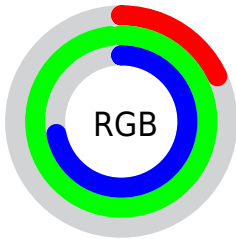
Format	Color
RYB	45, 168, 250
Decimal	3013303
CIELab	88.14, -62.61, 18.87
CIELCh	88, 65.396, 163.228
Yxy	72.3480, 0.2538, 0.4191
Android (android.graphics.Color)	4281203383 (0xFF2DFAB7)
YUV	181.0670, 0.9530, -119.3308
Hunter-Lab	85.0576, -56.9016, 20.1880

Details

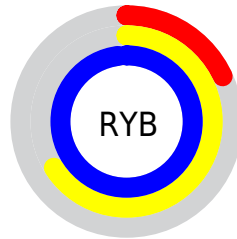
The Hex color **2DFAB7** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **FA2D70**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **7EFFFF**, and **00C082** is the 20% darker color. If you saturate the color by 10%, you get **14FAAF**, and if you desaturate by 10%, it is **46FABF**.

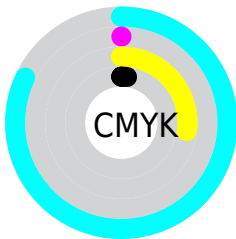
Distribution



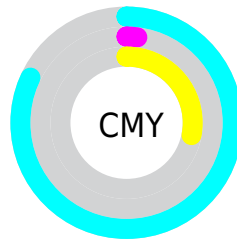
- Red (18%)
- Green (98%)
- Blue (72%)



- Red (18%)
- Yellow (66%)
- Blue (98%)



- Cyan (82%)
- Magenta (0%)
- Yellow (27%)
- Black (2%)



- Cyan (82%)
- Magenta (2%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DFAB7 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 2DFAB7 by changing the saturation by 10% instead.

 2DFAB7

 2DFAB7

FFFFFF

 00DD9C

 7EFFF7

 00C082

 A0FFFF

 00A469

 C0FFFF

 008950

 E0FFFF

 006E39

 005423

 003C0D

 002300

 000000

 2DFAB7

 2DFAB7

 14FAAF

 46FABF

 00FAA8

 5FFAC7

 78FAD0

 91FAD8

 AAFAE0

 C3FAE8

 DCFAF0

 F5FAF8

 FFFAFF

Harmonies

Analogous

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



A1F27F



2DFAB7



00FCF8

Triad

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



2DFAB7



A4DAFF



FFB68B

Complementary

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



2DFAB7



FA2D70

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.



FFA8C4



2DFAB7



FFC2FF

Square

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



2DFAB7



00EEFF



FFADFF



FFCD63

Rectangle

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



2DFAB7



00FBFF



FFADFF



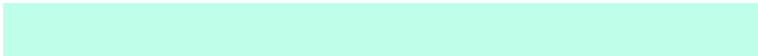
FFB09C

Sweetspot

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



2DFAB7



BFFFEA



71FA2D



598073



000000



808080

Same Dimension

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



2DFAB7



05FFAD



2DD8FA



707D79



00BD7F



003D29

Inverse Universe

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



FA2D70



FF0557



FA4F2D



7D7075



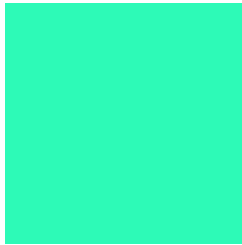
BD003E



3D0014

Previews

White Background



This preview shows how the Hex color 2DFAB7 looks on a white background.

Color Contrast Check

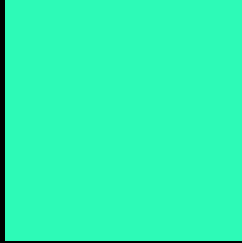
Large Text (above 18pt) WCAG AA × Fail

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 2DFAB7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

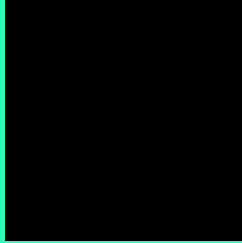
Any Text WCAG AA ✓ Pass

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 2DFAB7 Background



This preview shows how black text looks on a background with the Hex color 2DFAB7.

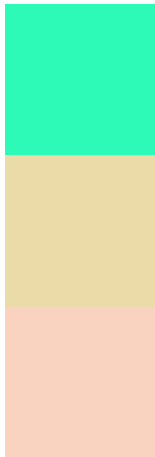


This preview shows how white text looks on a background with the Hex color 2DFAB7.

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](#).

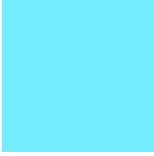
Dichromacy



Original Color
2DFAB7

Protanopia
EADBA8

Deuteranopia
FAD3C0



Tritanopia
74EEFF

Trichromacy



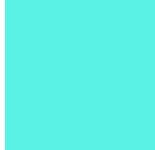
Original Color
2DFAB7



Protanomaly
A5E6AD



Deuteranomaly
AFE1BD

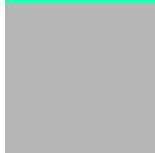


Tritanomaly
5AF2E5

Monochromacy



Original Color
2DFAB7



Achromatopsia
B5B5B5



Achromatomaly
84CEB6

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DFAB7 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 #2DFAB7 looks like.

```
.text, #text, p{  
    color:#2DFAB7  
}
```

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 #2DFAB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DFAB7
}
```

Border

The CSS property to change the border of an element to Hex 2DFAB7 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
#2DFAB7 }
```

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

```
.border{ border-color:#2DFAB7 }
```

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

Here you see how a box with a 4 pixel #2DFAB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DFAB7; -webkit-box-shadow:4px 4px  
4px 4px #2DFAB7; box-shadow:4px 4px 4px  
4px #2DFAB7 }
```

Background

The CSS property to change the background color of an element to Hex 2DFAB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DFAB7 }
```

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

```
.background{ background-color:#2DFAB7 }
```

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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