

Converting Colors

Hex(2FDAB5)

Have a look what the booklet for
Hex(2FDAB5) contains.

Hex(2FDAB5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2FDAB5)

Conversions

Conversions Part 1

Format	Color
Hex	2FDAB5
RGB	47, 218, 181
RGB Percent	18%, 85%, 71%
CMY	0.8157, 0.1451, 0.2902
CMYK	0.78, 0.00, 0.17, 0.15
HSL	167°, 70%, 52%
HSV	167°, 78%, 85%
XYZ	34.5842, 54.0833, 52.3324
YIQ	162.6530, -90.0390, -47.7590

Conversions

Conversions Part 2

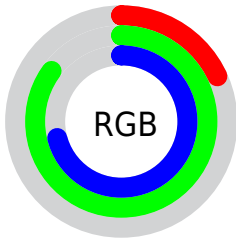
Format	Color
RYB	47, 143, 218
Decimal	3136181
CIELab	78.51, -50.41, 6.29
CIELCh	79, 50.805, 172.893
Yxy	54.0833, 0.2453, 0.3836
Android (android.graphics.Color)	4281326261 (0xFF2FDAB5)
YUV	162.6530, 9.0451, -101.4277
Hunter-Lab	73.5414, -44.7545, 9.2879

Details

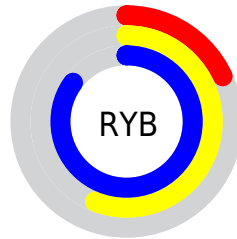
The Hex color **2FDAB5** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **DA2F54**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **79FFED**, and **00A280** is the 20% darker color. If you saturate the color by 10%, you get **19DAB0**, and if you desaturate by 10%, it is **45DABA**.

Distribution



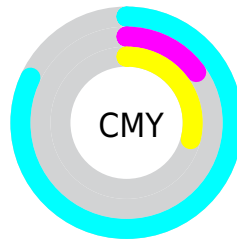
- Red (18%)
- Green (85%)
- Blue (71%)



- Red (18%)
- Yellow (56%)
- Blue (85%)



- Cyan (78%)
- Magenta (0%)
- Yellow (17%)
- Black (15%)



- Cyan (82%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FDAB5 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 2FDAB5 by changing the saturation by 10% instead.

 2FDAB5

 2FDAB5

FFFFFF

 00BE9A

 79FFED

 00A280

 99FFFF

 008767

 B8FFFF

 006D4F

 D7FFFF

 005338

 F6FFFF

 003B23

 00240E

 000000

 2FDAB5

 2FDAB5

■ 19DAB0

■ 45DABA

■ 03DAAC

■ 5BDABE

■ 00DAAB

■ 70DAC3

■ 86DAC8

■ 9CDACD

■ B2DAD1

■ C8DAD6

■ DDDADB

■ F3DADF

Harmonies

Analogous

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



83D587



2FDAB5



00DAE5

Triad

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



2FDAB5



B5BAFF



FFAB78

Complementary

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



2FDAB5



DA2F54

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.



FF9EA0



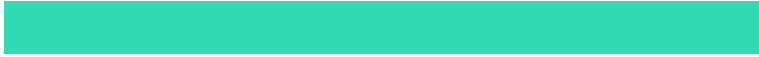
2FDAB5



F2A8FC

Square

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



2FDAB5



59CBFF



FF9DD0



E9BC63

Rectangle

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



2FDAB5



00D8FF



FF9DD0



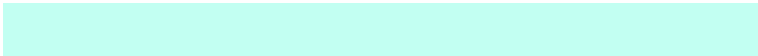
FFA684

Sweetspot

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



2FDAB5



C2FFF2



54DA2F



5B8077



000000



808080

Same Dimension

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



2FDAB5



0FFFCB



2FAADA



636E6B



00AD88



002E24

Inverse Universe

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



DA2F54



FF0F43



DA5F2F



6E6365



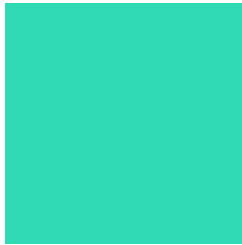
AD0026



2E000A

Previews

White Background



This preview shows how the Hex color 2FDAB5 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 2FDAB5 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 2FDAB5 Background



This preview shows how black text looks on a background with the Hex color 2FDAB5.

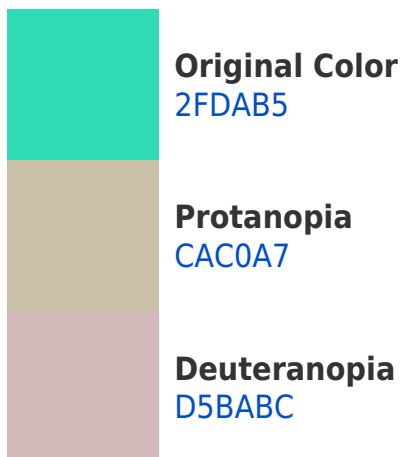


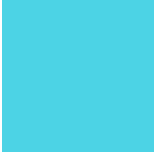
This preview shows how white text looks on a background with the Hex color 2FDAB5.

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](#).

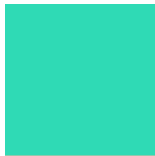
Dichromacy





Tritanopia
4CD3E5

Trichromacy



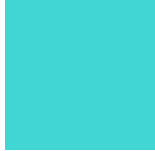
Original Color
2FDAB5



Protanomaly
92C9AC



Deuteranomaly
99C6B9

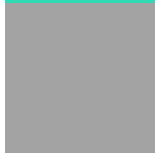


Tritanomaly
41D6D4

Monochromacy



Original Color
2FDAB5



Achromatopsia
A3A3A3



Achromatomaly
79B7AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FDAB5 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 #2FDAB5 looks like.

```
.text, #text, p{  
    color:#2FDAB5  
}
```

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 #2FDAB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FDAB5
}
```

Border

The CSS property to change the border of an element to Hex 2FDAB5 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
#2FDAB5 }
```

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

```
.border{ border-color:#2FDAB5 }
```

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

Here you see how a box with a 4 pixel #2FDAB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FDAB5; -webkit-box-shadow:4px 4px  
4px 4px #2FDAB5; box-shadow:4px 4px 4px  
4px #2FDAB5 }
```

Background

The CSS property to change the background color of an element to Hex 2FDAB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FDAB5 }
```

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

```
.background{ background-color:#2FDAB5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor