

Converting Colors

Hex(2FDDB4)

Have a look what the booklet for
Hex(2FDDB4) contains.

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Color

Hex(2FDBB4)

Conversions

Conversions Part 1

Format	Color
Hex	2FDBB4
RGB	47, 219, 180
RGB Percent	18%, 86%, 71%
CMY	0.8157, 0.1412, 0.2941
CMYK	0.79, 0.00, 0.18, 0.14
HSL	166°, 70%, 52%
HSV	166°, 79%, 86%
XYZ	34.7420, 54.5627, 51.8806
YIQ	163.1260, -89.9930, -48.5930

Conversions

Conversions Part 2

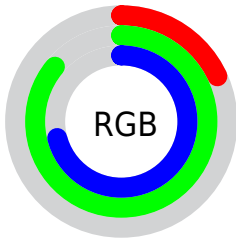
Format	Color
RYB	47, 144, 219
Decimal	3136436
CIELab	78.79, -51.07, 7.22
CIElCh	79, 51.580, 171.956
Yxy	54.5627, 0.2461, 0.3865
Android (android.graphics.Color)	4281326516 (0xFF2FDBB4)
YUV	163.1260, 8.3189, -101.8425
Hunter-Lab	73.8665, -45.3116, 10.0639

Details

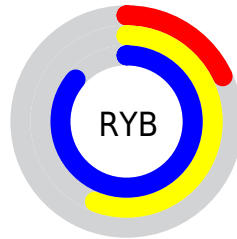
The Hex color **2FDBB4** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **DB2F56**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **79FFEC**, and **00A37F** is the 20% darker color. If you saturate the color by 10%, you get **19DBAF**, and if you desaturate by 10%, it is **45DBB9**.

Distribution



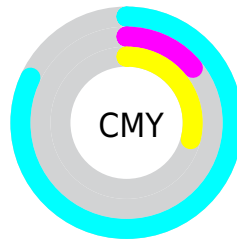
- Red (18%)
- Green (86%)
- Blue (71%)



- Red (18%)
- Yellow (56%)
- Blue (86%)



- Cyan (79%)
- Magenta (0%)
- Yellow (18%)
- Black (14%)



- Cyan (82%)
- Magenta (14%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FDBB4 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 2FDBB4 by changing the saturation by 10% instead.

 2FDBB4

 2FDBB4

FFFFFF

 00BF99

 79FFEC

 00A37F

 99FFFF

 008866

 B8FFFF

 006E4E

 D7FFFF

 005437

 F6FFFF

 003B22

 00250D

 000000

 2FDBB4

 2FDBB4

■ 19DBAF

■ 45DBB9

■ 03DBAA

■ 5BDBBE

■ 00DBA9

■ 71DBC3

■ 87DBC8

■ 9DDBCD

■ B2DBD2

■ C8DBD7

■ DEDBDC

■ F4DBE1

Harmonies

Analogous

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



85D686



2FDBB4



00DCE5

Triad

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



2FDBB4



B3BBFF



FFAB79

Complementary

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



2FDDB4



DB2F56

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.



FF9EA2



2FDBB4



F2A9FF

Square

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



2FDBB4



52CCFF



FF9DD2



ECBC62

Rectangle

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



2FDDB4



00D9FF



FF9DD2



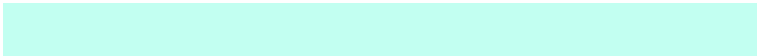
FFA585

Sweetspot

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



2FDDB4



C2FFF1



57DB2F



5B8077



000000



808080

Same Dimension

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



2FDBB4



0FFFC9



2FADDB



636E6B



00AD86



002E23

Inverse Universe

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



DB2F56



FF0F46



DB5D2F



6E6365



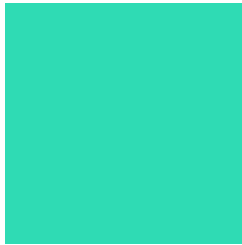
AD0027



2E000A

Previews

White Background



This preview shows how the Hex color 2FDDBB4 looks on a white background.

Color Contrast Check

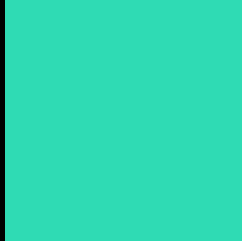
Large Text (above 18pt) WCAG AA × Fail

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 2FDBB4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

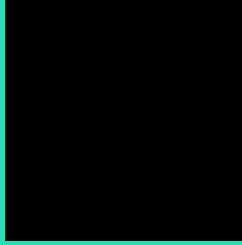
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

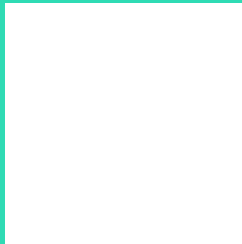
Any Text WCAG AAA ✓ Pass

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

Hex 2FDBB4 Background



This preview shows how black text looks on a background with the Hex color 2FDBB4.

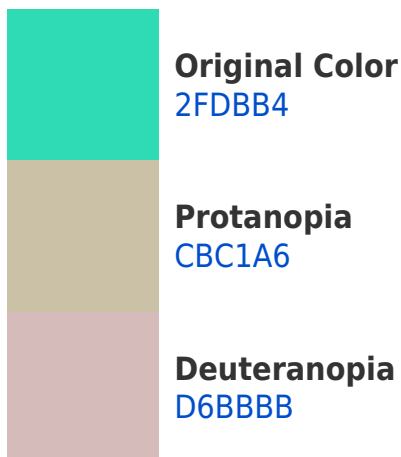


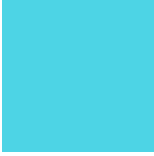
This preview shows how white text looks on a background with the Hex color 2FDBB4.

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
4DD4E5

Trichromacy



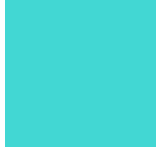
Original Color
2FDDB4



Protanomaly
92CAAB



Deuteranomaly
99C7B8



Tritanomaly
42D7D3

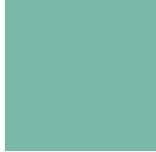
Monochromacy



Original Color
2FDDB4



Achromatopsia
A3A3A3



Achromatomaly
79B7A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FDBB4 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 #2FDBB4 looks like.

```
.text, #text, p{  
    color:#2FDBB4  
}
```

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 #2FDBB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FDBB4
}
```

Border

The CSS property to change the border of an element to Hex 2FDBB4 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
#2FDBB4 }
```

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

```
.border{ border-color:#2FDBB4 }
```

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

Here you see how a box with a 4 pixel #2FDBB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FDBB4; -webkit-box-shadow:4px 4px  
4px 4px #2FDBB4; box-shadow:4px 4px 4px  
4px #2FDBB4 }
```

Background

The CSS property to change the background color of an element to Hex 2FDBB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FDBB4 }
```

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

```
.background{ background-color:#2FDBB4 }
```

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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