

Converting Colors

Hex(2FD6AC)

Have a look what the booklet for
Hex(2FD6AC) contains.

Hex(2FD6AC)	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(2FD6AC)

Conversions

Conversions Part 1

Format	Color
Hex	2FD6AC
RGB	47, 214, 172
RGB Percent	18%, 84%, 67%
CMY	0.8157, 0.1608, 0.3255
CMYK	0.78, 0.00, 0.20, 0.16
HSL	165°, 67%, 51%
HSV	165°, 78%, 84%
XYZ	32.6653, 51.6760, 47.2826
YIQ	159.2790, -86.0500, -48.4660

Conversions

Conversions Part 2

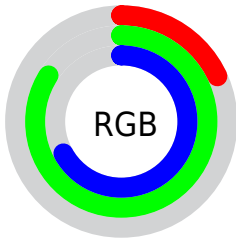
Format	Color
RYB	47, 143, 214
Decimal	3135148
CIELab	77.09, -51.01, 9.04
CIELCh	77, 51.802, 169.948
Yxy	51.6760, 0.2482, 0.3926
Android (android.graphics.Color)	4281325228 (0xFF2FD6AC)
YUV	159.2790, 6.2715, -98.4687
Hunter-Lab	71.8860, -44.6896, 11.3226

Details

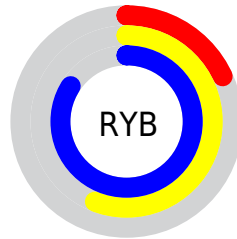
The Hex color **2FD6AC** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **D62F59**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **78FFE3**, and **009E78** is the 20% darker color. If you saturate the color by 10%, you get **1AD6A7**, and if you desaturate by 10%, it is **44D6B1**.

Distribution



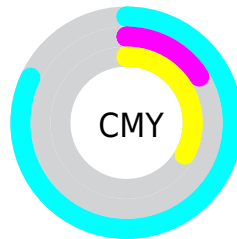
- Red (18%)
- Green (84%)
- Blue (67%)



- Red (18%)
- Yellow (56%)
- Blue (84%)



- Cyan (78%)
- Magenta (0%)
- Yellow (20%)
- Black (16%)



- Cyan (82%)
- Magenta (16%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FD6AC 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 2FD6AC by changing the saturation by 10% instead.


 2FD6AC

 2FD6AC


FFFFFF

 00BA91

 78FFE3

 009E78

 97FFFF

 00835F

 B6FFFF

 006947


 D5FFFF

 005031

 F4FFFF

 00371C

 002002

 000000

 2FD6AC

 2FD6AC

 1AD6A7

 44D6B1

 04D6A1

 5AD6B7

 00D6A0

 6FD6BC

 85D6C2

 9AD6C7

 AFD6CC

 C5D6D2

 DAD6D7

 F0D6DC

Harmonies

Analogous

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



84D07E



2FD6AC



00D7DE

Triad

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



2FD6AC



A9B8FF



FFA577

Complementary

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



2FD6AC



D62F59

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.



FF98A0



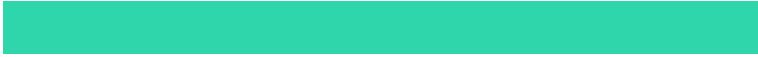
2FD6AC



EAA6FD

Square

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



2FD6AC



3FC8FF



FF98D1



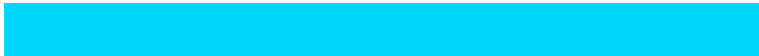
E9B65E

Rectangle

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



2FD6AC



00D5FB



FF98D1



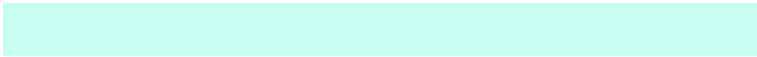
FFA083

Sweetspot

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



2FD6AC



C4FFF0



5CD62F



5C8077



000000



808080

Same Dimension

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



2FD6AC



0FFFC3



2FAFD6



606B68



00AB80



002B20

Inverse Universe

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



D62F59



FF0F4C



D6562F



6B6063



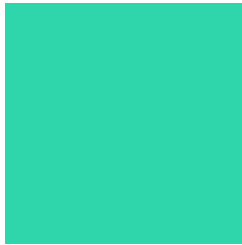
AB002B



2B000B

Previews

White Background



This preview shows how the Hex color 2FD6AC 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 2FD6AC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

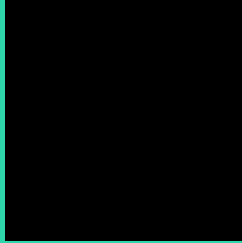
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

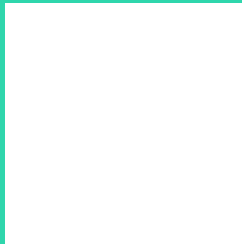
Any Text WCAG AAA ✓ Pass

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

Hex 2FD6AC Background



This preview shows how black text looks on a background with the Hex color 2FD6AC.

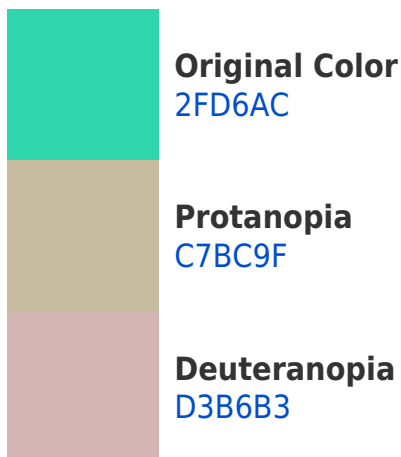


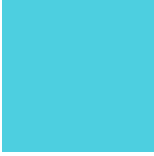
This preview shows how white text looks on a background with the Hex color 2FD6AC.

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



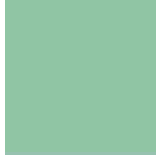


Tritanopia
4DCFEO

Trichromacy



Original Color
2FD6AC



Protanomaly
90C5A4



Deuteranomaly
97C2B0



Tritanomaly
42D2CD

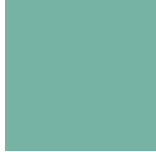
Monochromacy



Original Color
2FD6AC



Achromatopsia
9F9F9F



Achromatomaly
76B3A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FD6AC 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 #2FD6AC looks like.

```
.text, #text, p{  
    color:#2FD6AC  
}
```

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 #2FD6AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FD6AC
}
```

Border

The CSS property to change the border of an element to Hex 2FD6AC 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
#2FD6AC }
```

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

```
.border{ border-color:#2FD6AC }
```

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

Here you see how a box with a 4 pixel #2FD6AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FD6AC; -webkit-box-shadow:4px 4px  
4px 4px #2FD6AC; box-shadow:4px 4px 4px  
4px #2FD6AC }
```

Background

The CSS property to change the background color of an element to Hex 2FD6AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FD6AC }
```

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

```
.background{ background-color:#2FD6AC }
```

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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