

Converting Colors

Hex(4FD5AF)

Have a look what the booklet for
Hex(4FD5AF) contains.

Hex(4FD5AF)	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(4FD5AF)

Conversions

Conversions Part 1

Format	Color
Hex	4FD5AF
RGB	79, 213, 175
RGB Percent	31%, 84%, 69%
CMY	0.6902, 0.1647, 0.3137
CMYK	0.63, 0.00, 0.18, 0.16
HSL	163°, 61%, 57%
HSV	163°, 63%, 84%
XYZ	34.7566, 52.3459, 48.8294
YIQ	168.6020, -67.6660, -40.2260

Conversions

Conversions Part 2

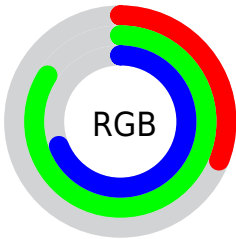
Format	Color
RYB	79, 157, 213
Decimal	5232047
CIELab	77.49, -45.41, 8.10
CIElCh	77, 46.129, 169.889
Yxy	52.3459, 0.2557, 0.3851
Android (android.graphics.Color)	4283422127 (0xFF4FD5AF)
YUV	168.6020, 3.1542, -78.5810
Hunter-Lab	72.3505, -40.8634, 10.6305

Details

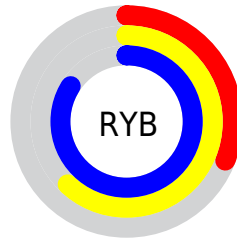
The Hex color **4FD5AF** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D54F75**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **8DFFE7**, and **009D7B** is the 20% darker color. If you saturate the color by 10%, you get **3AD5A9**, and if you desaturate by 10%, it is **64D5B5**.

Distribution



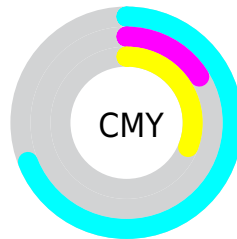
- Red (31%)
- Green (84%)
- Blue (69%)



- Red (31%)
- Yellow (62%)
- Blue (84%)



- Cyan (63%)
- Magenta (0%)
- Yellow (18%)
- Black (16%)



- Cyan (69%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FD5AF 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 4FD5AF by changing the saturation by 10% instead.

 4FD5AF

 4FD5AF

FFFFFF

 2AB994

 8DFFE7

 009D7B

 ABFFFF

 008362

 C9FFFF

 00694A

 E7FFFF

 005033

 00371E

 002206

 000000

 4FD5AF

 4FD5AF

 3AD5A9

 64D5B5

 24D5A3

 7AD5BB

 0FD59D

 8FD5C1

 00D599

 A4D5C7

 BAD5CD

 CFD5D3

 E4D5D9

 F9D5DF

 FFD5E5

Harmonies

Analogous

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



8DD087



4FD5AF



00D6DB

Triad

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



4FD5AF



AEBAFF



FFA980

Complementary

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



4FD5AF



D54F75

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.



FF9EA5



4FD5AF



E7AAF7

Square

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



4FD5AF



5FC8FF



FF9FD0



E7B86B

Rectangle

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



4FD5AF



00D4F5



FF9FD0



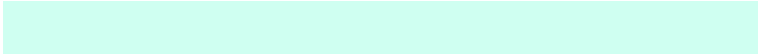
FFA58B

Sweetspot

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



4FD5AF



CFFF1



77D54F



628077



000000



808080

Same Dimension

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



4FD5AF



40FFC9



4FBAD5



606B68



00AB7A



002B1F

Inverse Universe

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



D54F75



FF4076



D56A4F



6B6063



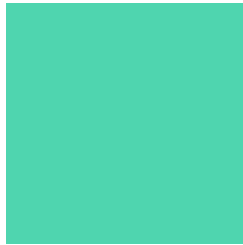
AB0030



2B000C

Previews

White Background



This preview shows how the Hex color 4FD5AF 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 4FD5AF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

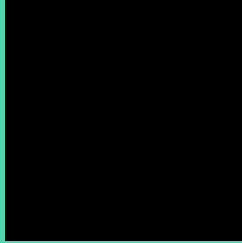
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

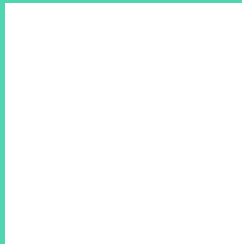
Any Text WCAG AAA ✓ Pass

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

Hex 4FD5AF Background



This preview shows how black text looks on a background with the Hex color 4FD5AF.

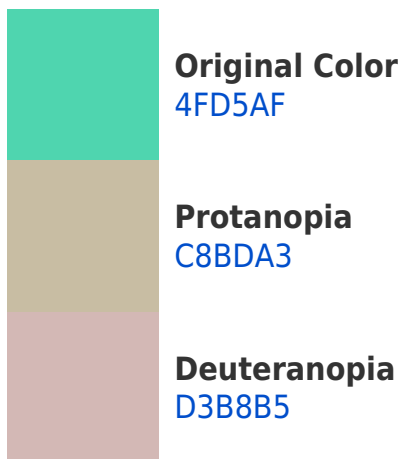


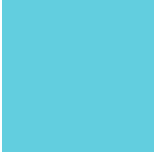
This preview shows how white text looks on a background with the Hex color 4FD5AF.

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
62CEDF

Trichromacy



Original Color
4FD5AF



Protanomaly
9CC6A7



Deuteranomaly
A3C3B3



Tritanomaly
5BD1CE

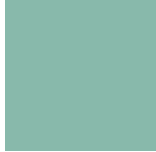
Monochromacy



Original Color
4FD5AF



Achromatopsia
A9A9A9



Achromatomaly
88B9AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FD5AF 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 #4FD5AF looks like.

```
.text, #text, p{  
    color:#4FD5AF  
}
```

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 #4FD5AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FD5AF  
}
```

Border

The CSS property to change the border of an element to Hex 4FD5AF 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  
#4FD5AF }
```

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

```
.border{ border-color:#4FD5AF }
```

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

Here you see how a box with a 4 pixel #4FD5AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FD5AF; -webkit-box-shadow:4px 4px  
4px 4px #4FD5AF; box-shadow:4px 4px 4px  
4px #4FD5AF }
```

Background

The CSS property to change the background color of an element to Hex 4FD5AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FD5AF }
```

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

```
.background{ background-color:#4FD5AF }
```

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