

Converting Colors

Hex(3FD2AF)

Have a look what the booklet for
Hex(3FD2AF) contains.

Hex(3FD2AF)	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(3FD2AF)

Conversions

Conversions Part 1

Format	Color
Hex	3FD2AF
RGB	63, 210, 175
RGB Percent	25%, 82%, 69%
CMY	0.7529, 0.1765, 0.3137
CMYK	0.70, 0.00, 0.17, 0.18
HSL	166°, 62%, 54%
HSV	166°, 70%, 82%
XYZ	32.8344, 50.2451, 48.5252
YIQ	162.0570, -76.3770, -42.0490

Conversions

Conversions Part 2

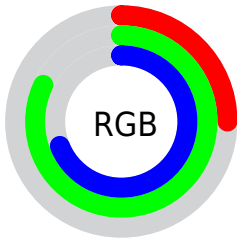
Format	Color
RYB	63, 146, 210
Decimal	4182703
CIELab	76.22, -46.66, 6.23
CIELCh	76, 47.079, 172.394
Yxy	50.2451, 0.2495, 0.3818
Android (android.graphics.Color)	4282372783 (0xFF3FD2AF)
YUV	162.0570, 6.3809, -86.8730
Hunter-Lab	70.8838, -41.3629, 9.0303

Details

The Hex color **3FD2AF** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D23F62**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **81FFE6**, and **009B7B** is the 20% darker color. If you saturate the color by 10%, you get **2AD2AA**, and if you desaturate by 10%, it is **54D2B4**.

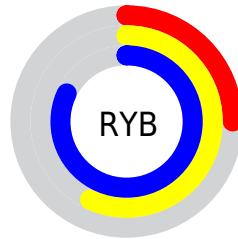
Distribution



Red (25%)

Green (82%)

Blue (69%)



Red (25%)

Yellow (57%)

Blue (82%)

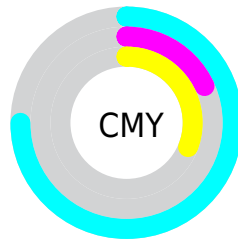


Cyan (70%)

Magenta (0%)

Yellow (17%)

Black (18%)



Cyan (75%)

Magenta (18%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FD2AF 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 3FD2AF by changing the saturation by 10% instead.



3FD2AF



3FD2AF

FFFFFF



06B694



81FFE6



009B7B



A0FFFF



008062



BEFFFF



00664A



DCFFFF



004D33



FBFFFF



00351E



001E06



000000



3FD2AF



3FD2AF

■ 2AD2AA

■ 54D2B4

■ 15D2A5

■ 69D2B9

■ 00D2A0

■ 7ED2BE

■ 93D2C3

■ A8D2C8

■ BDD2CD

■ D2D2D2

■ E7D2D7

■ FCD2DC

Harmonies

Analogous

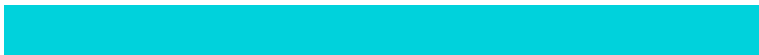
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84CD85



3FD2AF



00D2DC

Triad

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



3FD2AF



AFB5FF



FFA679

Complementary

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



3FD2AF



D23F62

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.



FF9B9D



3FD2AF



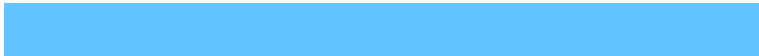
E8A5F2

Square

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



3FD2AF



5FC4FF



FF9AC9



E1B665

Rectangle

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



3FD2AF



00D0F5



FF9AC9



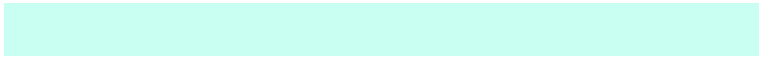
FFA283

Sweetspot

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



3FD2AF



C9FFF2



64D23F



608078



000000



808080

Same Dimension

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



3FD2AF



29FFCC



3FADD2



5E6966



00A880



00291F

Inverse Universe

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



D23F62



FF295C



D2643F



695E61



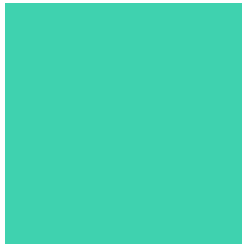
A80028



29000A

Previews

White Background



This preview shows how the Hex color 3FD2AF 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 3FD2AF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

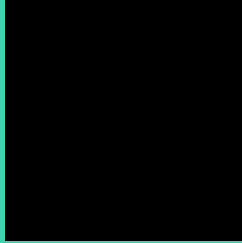
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

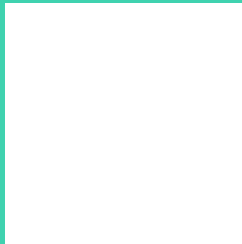
Any Text WCAG AAA ✓ Pass

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

Hex 3FD2AF Background



This preview shows how black text looks on a background with the Hex color 3FD2AF.

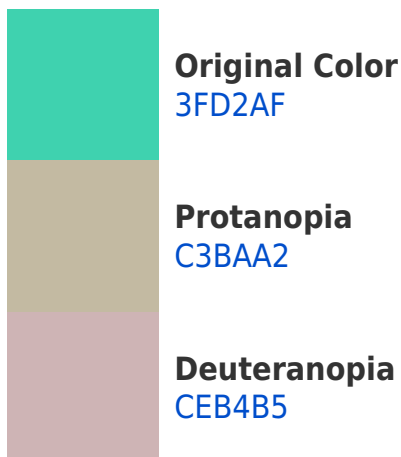


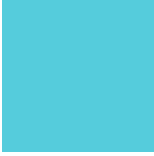
This preview shows how white text looks on a background with the Hex color 3FD2AF.

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





Trichromacy



Original Color
3FD2AF



Protanomaly
93C3A7



Deuteranomaly
9ABFB3



Tritanomaly
4DCECC

Monochromacy



Original Color
3FD2AF



Achromatopsia
A2A2A2



Achromatomaly
7EB3A7

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FD2AF 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 #3FD2AF looks like.

```
.text, #text, p{  
    color:#3FD2AF  
}
```

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 #3FD2AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FD2AF
}
```

Border

The CSS property to change the border of an element to Hex 3FD2AF 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
#3FD2AF }
```

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

```
.border{ border-color:#3FD2AF }
```

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

Here you see how a box with a 4 pixel #3FD2AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FD2AF; -webkit-box-shadow:4px 4px  
4px 4px #3FD2AF; box-shadow:4px 4px 4px  
4px #3FD2AF }
```

Background

The CSS property to change the background color of an element to Hex 3FD2AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FD2AF }
```

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

```
.background{ background-color:#3FD2AF }
```

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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