

Converting Colors

Hex(3FB2AF)

Have a look what the booklet for
Hex(3FB2AF) contains.

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Color

Hex(3FB2AF)

Conversions

Conversions Part 1

Format	Color
Hex	3FB2AF
RGB	63, 178, 175
RGB Percent	25%, 70%, 69%
CMY	0.7529, 0.3020, 0.3137
CMYK	0.65, 0.00, 0.02, 0.30
HSL	178°, 48%, 47%
HSV	178°, 65%, 70%
XYZ	25.7082, 35.9927, 46.1498
YIQ	143.2730, -67.5770, -25.3130

Conversions

Conversions Part 2

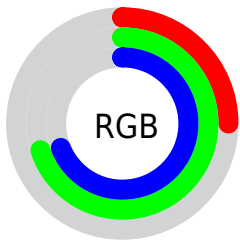
Format	Color
RYB	63, 121, 178
Decimal	4174511
CIELab	66.51, -32.31, -7.97
CIELCh	67, 33.277, 193.852
Yxy	35.9927, 0.2384, 0.3337
Android (android.graphics.Color)	4282364591 (0xFF3FB2AF)
YUV	143.2730, 15.6414, -70.3994
Hunter-Lab	59.9939, -28.4998, -3.6125

Details

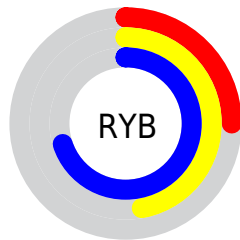
The Hex color **3FB2AF** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B23F42**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **7DEAE6**, and **007D7B** is the 20% darker color. If you saturate the color by 10%, you get **2DB2AF**, and if you desaturate by 10%, it is **51B2AF**.

Distribution



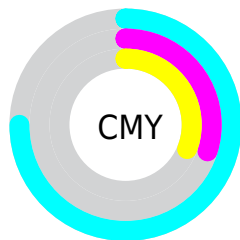
- Red (25%)
- Green (70%)
- Blue (69%)



- Red (25%)
- Yellow (47%)
- Blue (70%)



- Cyan (65%)
- Magenta (0%)
- Yellow (2%)
- Black (30%)



- Cyan (75%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FB2AF 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 3FB2AF by changing the saturation by 10% instead.



3FB2AF



3FB2AF

FFFFFF



149794



7DEAE6



007D7B



9AFFFF



006362



B8FFFF



004B4A



D5FFFF



003334



F3FFFF



00201E



000005



000000



3FB2AF



3FB2AF

■ 2DB2AF

■ 51B2AF

■ 1BB2AE

■ 63B2B0

■ 0AB2AE

■ 74B2B0

■ 00B2AD

■ 86B2B1

■ 98B2B1

■ AAB2B2

■ BCB2B2

■ CDB2B3

■ DFB2B3

Harmonies

Analogous

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



62B190



3FB2AF



38B0CA

Triad

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



3FB2AF



B795CD



C49A69

Complementary

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



3FB2AF



B23F42

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.



D7917A



3FB2AF



D28DB3

Square

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



3FB2AF



8EA0DC



DD8B95



A8A467

Rectangle

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



3FB2AF



4FACD7



DD8B95



CC976D

Sweetspot

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



3FB2AF



BCE8E7



43B23F



5A7575



F5F5F5



757575

Same Dimension

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



3FB2AF



33E8E3



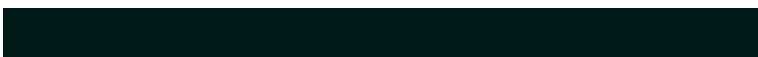
3F7CB2



505959



009995



001A19

Inverse Universe

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



B23F42



E83338



B2753F



595051



990004



1A0001

Previews

White Background



This preview shows how the Hex color 3FB2AF looks on a white background.

Color Contrast Check

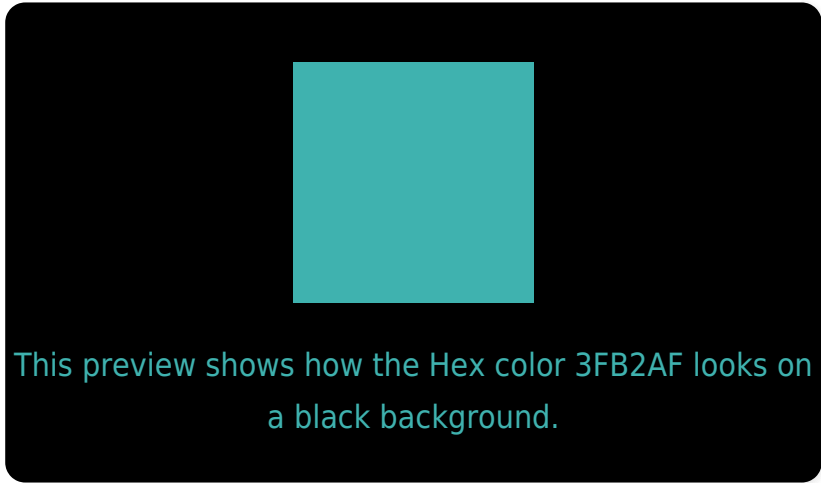
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

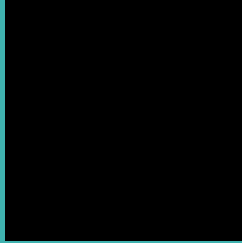
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

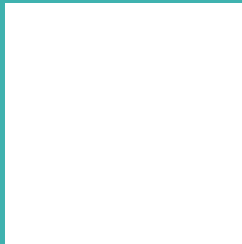
Any Text WCAG AAA ✓ Pass

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

Hex 3FB2AF Background



This preview shows how black text looks on a background with the Hex color 3FB2AF.



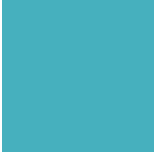
This preview shows how white text looks on a background with the Hex color 3FB2AF.

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
46B0BE

Trichromacy



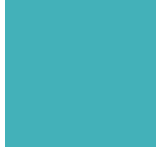
Original Color
3FB2AF



Protanomaly
7EA7A8



Deuteranomaly
81A4B2



Tritanomaly
43B1B9

Monochromacy



Original Color
3FB2AF



Achromatopsia
8F8F8F



Achromatomaly
729C9B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FB2AF 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 #3FB2AF looks like.

```
.text, #text, p{  
    color:#3FB2AF  
}
```

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 #3FB2AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FB2AF
}
```

Border

The CSS property to change the border of an element to Hex 3FB2AF 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
#3FB2AF }
```

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

```
.border{ border-color:#3FB2AF }
```

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

Here you see how a box with a 4 pixel #3FB2AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FB2AF; -webkit-box-shadow:4px 4px  
4px 4px #3FB2AF; box-shadow:4px 4px 4px  
4px #3FB2AF }
```

Background

The CSS property to change the background color of an element to Hex 3FB2AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FB2AF }
```

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

```
.background{ background-color:#3FB2AF }
```

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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