

# Converting Colors

Hex(3FB89B)

Have a look what the booklet for  
Hex(3FB89B) contains.

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**Color**

**Hex(3FB89B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FB89B
RGB	63, 184, 155
RGB Percent	25%, 72%, 61%
CMY	0.7529, 0.2784, 0.3922
CMYK	0.66, 0.00, 0.16, 0.28
HSL	166°, 49%, 48%
HSV	166°, 66%, 72%
XYZ	25.1068, 37.7043, 36.9647
YIQ	144.5150, -62.8070, -34.6710

# Conversions

## Conversions Part 2

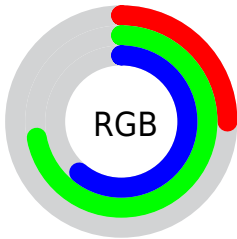
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	63, 132, 184
Decimal	4176027
CIE <sub>Lab</sub>	67.80, -40.40, 4.97
CIE <sub>LCh</sub>	68, 40.705, 172.993
Y <sub>xy</sub>	37.7043, 0.2516, 0.3779
Android (android.graphics.Color)	4282366107 (0xFF3FB89B)
YUV	144.5150, 5.1691, -71.4887
Hunter-Lab	61.4038, -34.4717, 7.2905

# Details

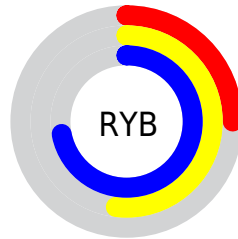
The Hex color **3FB89B** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B83F5C**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **7CF1D1**, and **008268** is the 20% darker color. If you saturate the color by 10%, you get **2DB897**, and if you desaturate by 10%, it is **51B89F**.

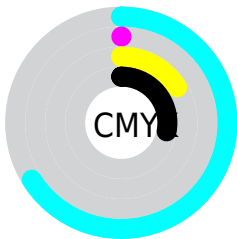
# Distribution



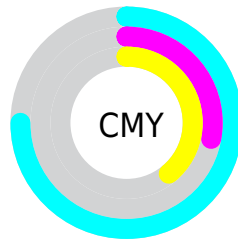
- Red (25%)
- Green (72%)
- Blue (61%)



- Red (25%)
- Yellow (52%)
- Blue (72%)



- Cyan (66%)
- Magenta (0%)
- Yellow (16%)
- Black (28%)



- Cyan (75%)
- Magenta (28%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FB89B 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 3FB89B by changing the saturation by 10% instead.





3FB89B



3FB89B

FFFFFF



169D81



7CF1D1



008268



9AFFEE



006850



B7FFFF



004F39



D5FFFF



003724



F2FFFF



00230E



000000



3FB89B



3FB89B



2DB897



51B89F

 1AB892

 64B8A4

 08B88E

 76B8A8

 00B88C

 89B8AD

 9BB8B1

 ADB8B5

 C0B8BA

 D2B8BE

 E5B8C3

# Harmonies

## Analogous

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



75B478



3FB89B



00B8C1

# Triad

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



3FB89B



9C9FE9



DF936C

# Complementary

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



3FB89B



B83F5C

# 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.



EC8A8A



3FB89B



CB91D2

# Square

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



3FB89B



5BABEE



E689AF



C4A05C

# Rectangle

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



3FB89B



00B6D6



E689AF



E58F75



# Sweetspot

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



3FB89B



C0F0E4



5DB83F



5B7871



F7F7F7



787878



# Same Dimension

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



3FB89B



32F0C2



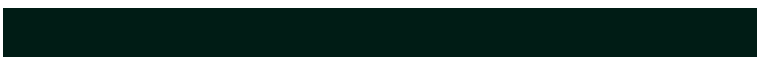
3F9AB8



535C5A



009C76



001C15



# Inverse Universe

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



B83F5C



F03260



B85D3F



5C5355



9C0025

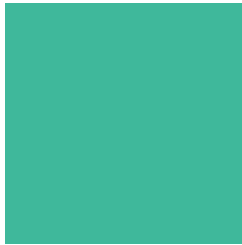


1C0007



# Previews

## White Background



This preview shows how the Hex color 3FB89B looks on a white background.

## Color Contrast Check

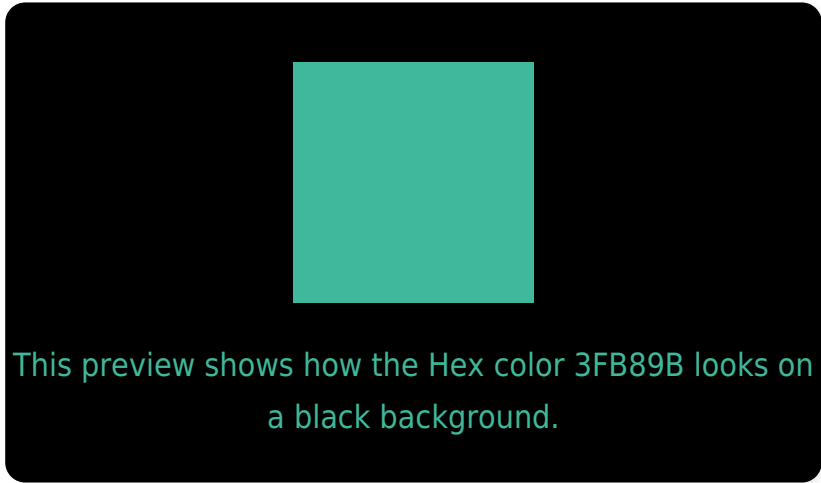
Large Text (above 18pt) WCAG AA × Fail

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

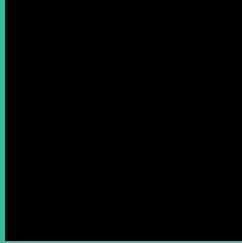
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3FB89B Background



This preview shows how black text looks on a background with the Hex color 3FB89B.



This preview shows how white text looks on a background with the Hex color 3FB89B.

# 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](#).

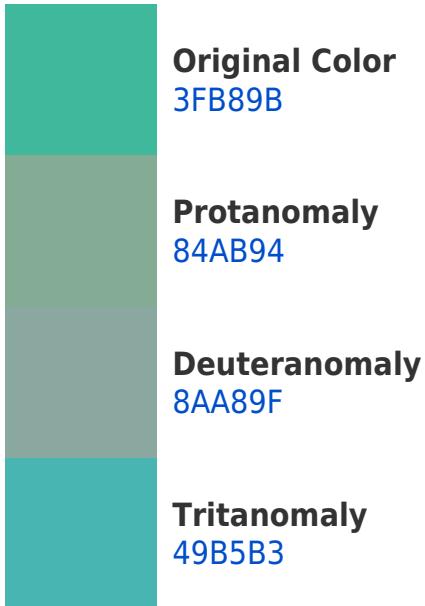
## Dichromacy





**Tritanopia**  
4FB3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FB89B 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 #3FB89B looks like.

```
.text, #text, p{  
    color:#3FB89B  
}
```

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 #3FB89B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FB89B
}
```

## Border

The CSS property to change the border of an element to Hex 3FB89B 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
#3FB89B }
```

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

```
.border{ border-color:#3FB89B }
```

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

Here you see how a box with a 4 pixel #3FB89B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FB89B; -webkit-box-shadow:4px 4px  
4px 4px #3FB89B; box-shadow:4px 4px 4px  
4px #3FB89B }
```

# Background

The CSS property to change the background color of an element to Hex 3FB89B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FB89B }
```

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

```
.background{ background-color:#3FB89B }
```

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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