

# Converting Colors

Hex(3FBABD)

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

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**Color**

**Hex(3FBABD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FBABD
RGB	63, 186, 189
RGB Percent	25%, 73%, 74%
CMY	0.7529, 0.2706, 0.2588
CMYK	0.67, 0.02, 0.00, 0.26
HSL	181°, 50%, 49%
HSV	181°, 67%, 74%
XYZ	28.7941, 39.8487, 54.3181
YIQ	149.5650, -74.2710, -25.1430

# Conversions

## Conversions Part 2

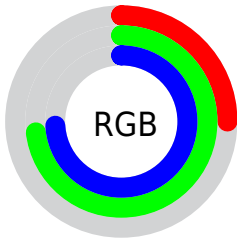
Format	Color
<a href="#">RYB</a>	<a href="#">63, 125, 189</a>
Decimal	<a href="#">4176573</a>
CIELab	<a href="#">69.36, -32.13, -11.44</a>
CIElCh	<a href="#">69, 34.107, 199.606</a>
Yxy	<a href="#">39.8487, 0.2342, 0.3241</a>
Android (android.graphics.Color)	<a href="#">4282366653 (0xFF3FBABD)</a>
YUV	<a href="#">149.5650, 19.4415, -75.9175</a>
Hunter-Lab	<a href="#">63.1258, -29.0495, -6.8294</a>

# Details

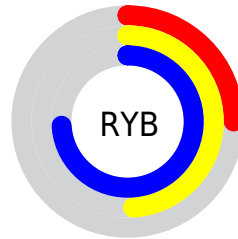
The Hex color **3FBABD** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **BD423F**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **7FF3F5**, and **008488** is the 20% darker color. If you saturate the color by 10%, you get **2CBABD**, and if you desaturate by 10%, it is **52BABD**.

# Distribution



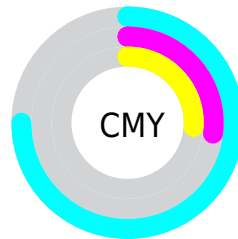
- Red (25%)
- Green (73%)
- Blue (74%)



- Red (25%)
- Yellow (49%)
- Blue (74%)



- Cyan (67%)
- Magenta (2%)
- Yellow (0%)
- Black (26%)



- Cyan (75%)
- Magenta (27%)
- Yellow (26%)

# Brightness & Saturation Gradients

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



 3FBABD

 3FBABD

FFFFFF

 0F9FA2

 7FF3F5

 008488

 9DFFFF

 006B6E

 BBFFFF

 005256

 D9FFFF

 003A3F

 F7FFFF

 002529

 000115

 000000

 3FBABD

 3FBABD

■ 2CBABD

■ 52BABD

■ 19B9BD

■ 65BBBD

■ 06B9BD

■ 78BBBD

■ 00B9BD

■ 8BBCBD

■ 9EBCBD

■ B0DBBD

■ C3DBBD

■ D6EBBD

■ E9EBBD

# Harmonies

## Analogous

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



61B99D



3FBABD



42B7D7

# Triad

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



3FBABD



C69AD2



C8A46D

# Complementary

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



3FBABD



BD423F

# 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.



DE997C



3FBABD



DF93B5

# Square

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



3FBABD



9EA5E3



E79396



AAAE6E

# Rectangle

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



3FBABD



5DB2E3



E79396



D0A070

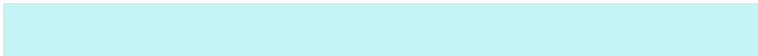


# Sweetspot

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



3FBABD



C4F4F5



3FBD41



5D7A7A



FAFAFA



7A7A7A



# Same Dimension

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



3FBABD



31F0F5



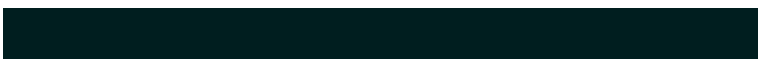
3F7CBD



555E5E



009A9E



001E1F



# Inverse Universe

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



BD3FBA



F531F0



BD803F



5E555E



9E009A



1F001E



# Previews

## White Background



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

## Color Contrast Check

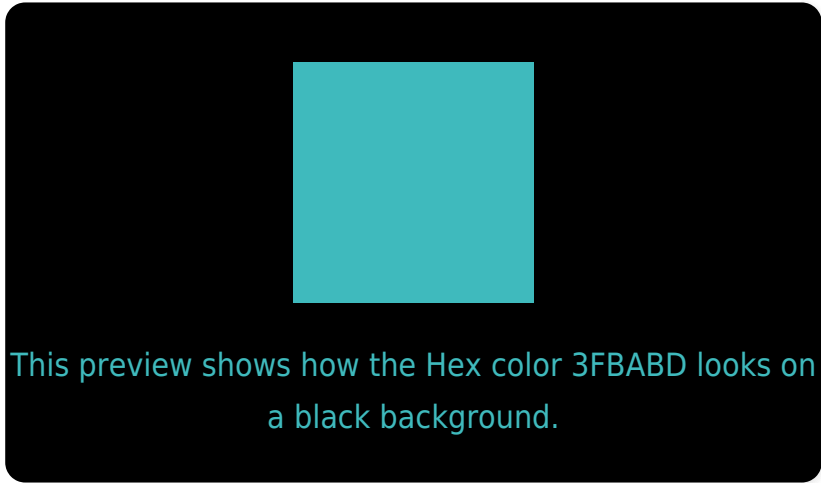
Large Text (above 18pt) WCAG AA × Fail

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

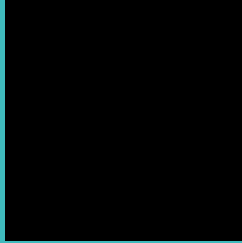
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

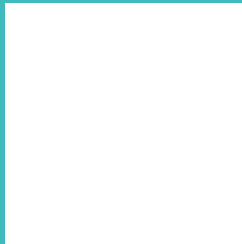
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3FBABD Background



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

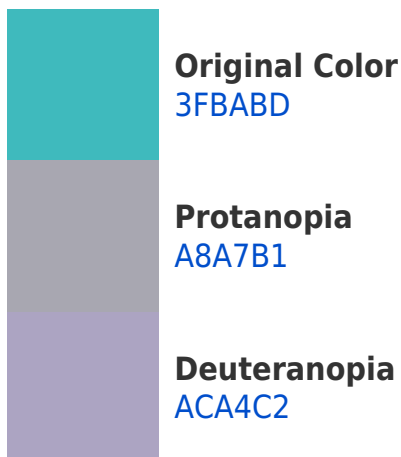


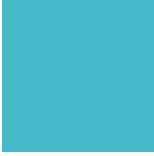
This preview shows how white text looks on a background with the Hex color 3FBABD.

# 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



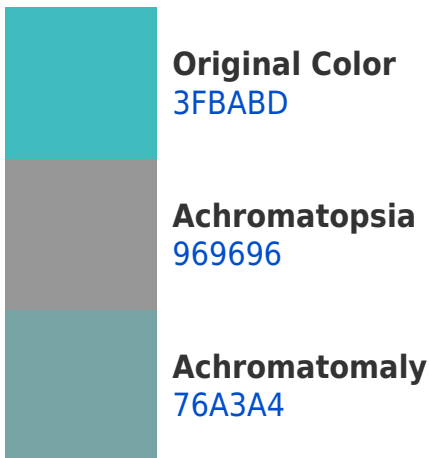


**Tritanopia**  
45B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #3FBABD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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