

Converting Colors

Hex(3FADB8)

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

Hex(3FADBB)	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(3FADB8)

Conversions

Conversions Part 1

Format	Color
Hex	3FADBB
RGB	63, 173, 187
RGB Percent	25%, 68%, 73%
CMY	0.7529, 0.3216, 0.2667
CMYK	0.66, 0.07, 0.00, 0.27
HSL	187°, 50%, 49%
HSV	187°, 66%, 73%
XYZ	25.9631, 34.5318, 52.3106
YIQ	141.7060, -70.0540, -18.9660

Conversions

Conversions Part 2

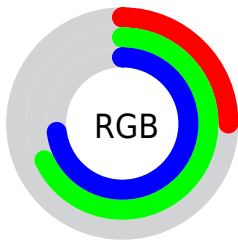
Format	Color
R _{YB}	63, 121, 187
Decimal	4173243
CIE Lab	65.38, -26.37, -16.33
CIE LCh	65, 31.011, 211.768
Yxy	34.5318, 0.2302, 0.3061
Android (android.graphics.Color)	4282363323 (0xFF3FADBB)
YUV	141.7060, 22.3299, -69.0252
Hunter-Lab	58.7637, -23.9713, -11.6445

Details

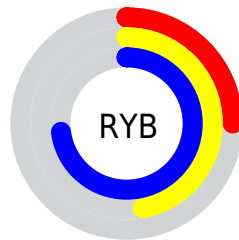
The Hex color **3FADBB** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BB4D3F**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **7DE5F3**, and **007886** is the 20% darker color. If you saturate the color by 10%, you get **2CABBB**, and if you desaturate by 10%, it is **52AFBB**.

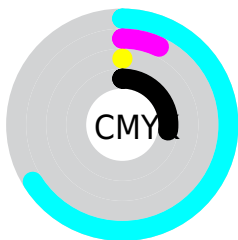
Distribution



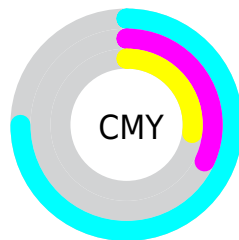
- Red (25%)
- Green (68%)
- Blue (73%)



- Red (25%)
- Yellow (47%)
- Blue (73%)



- Cyan (66%)
- Magenta (7%)
- Yellow (0%)
- Black (27%)



- Cyan (75%)
- Magenta (32%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 3FADBB

 3FADBB

FFFFFF

 1392A0

 7DE5F3

 007886

 9BFFFF

 005F6D

 B8FFFF

 004754

 D6FFFF

 00303D

 F4FFFF

 001D27

 000112

 000000

 3FADBB

 3FADBB

■ 2CABBB

■ 52AFBB

■ 1AA9BB

■ 64B1BB

■ 07A7BB

■ 77B3BB

■ 00A6BB

■ 8AB5BB

■ 9CB8BB

■ AFBABB

■ C2BCBB

■ D5BEBB

■ E7C0BB

Harmonies

Analogous

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



52AE9F



3FADBB



52A9CF

Triad

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



3FADBB



C38EB9



B09E67

Complementary

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



3FADBB



BB4D3F

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.



C7946F



3FADBB



D48A9E

Square

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



3FADBB



A597CE



D48C83



93A66F

Rectangle

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



3FADBB



6DA4D5



D48C83



B99A68

Sweetspot

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



3FADBB



C2EDF2



3FBB4B



5D777A



FAFAFA



7A7A7A

Same Dimension

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



3FADBB



30DCF2



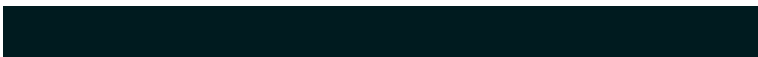
3F71BB



555D5E



008C9E



001B1F

Inverse Universe

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



BB3FAD



F230DC



BB893F



5E555D



9E008C



1F001B

Previews

White Background



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

Color Contrast Check

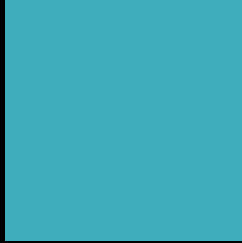
Large Text (above 18pt) WCAG AA × Fail

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 3FADBB 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 3FADBB Background



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

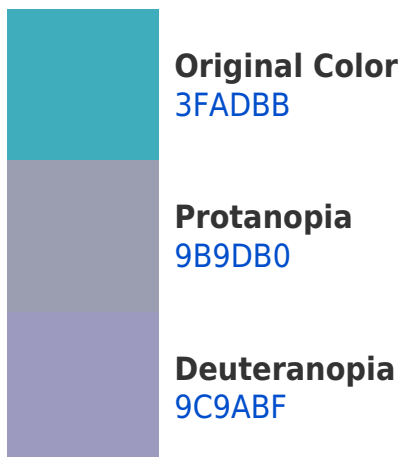


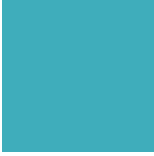
This preview shows how white text looks on a background with the Hex color 3FADBB.

Color Blindness Simulation

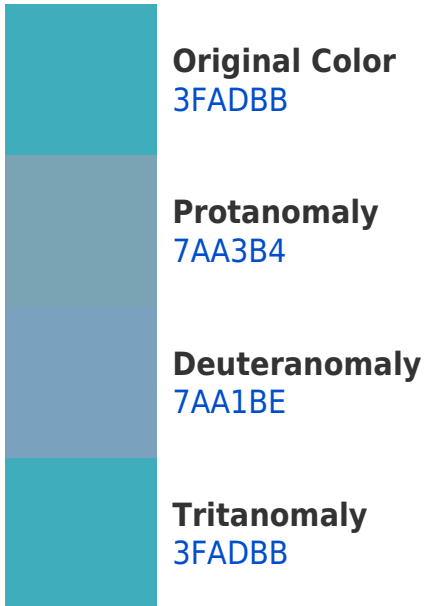
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #3FADBB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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