

# Converting Colors

Hex(3BADAB)

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

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# **Color**

**Hex(3BADAB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3BADAB
RGB	59, 173, 171
RGB Percent	23%, 68%, 67%
CMY	0.7686, 0.3216, 0.3294
CMYK	0.66, 0.00, 0.01, 0.32
HSL	179°, 49%, 45%
HSV	179°, 66%, 68%
XYZ	24.0979, 33.7572, 43.7738
YIQ	138.6860, -67.3020, -24.7900

# Conversions

## Conversions Part 2

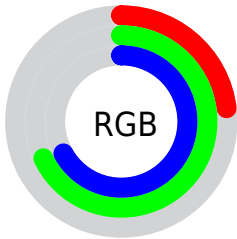
Format	Color
<a href="#">RYB</a>	<a href="#">59, 117, 173</a>
Decimal	<a href="#">3911083</a>
CIELab	<a href="#">64.77, -31.69, -8.35</a>
CIElCh	<a href="#">65, 32.768, 194.767</a>
Yxy	<a href="#">33.7572, 0.2371, 0.3322</a>
Android (android.graphics.Color)	<a href="#">4282101163 (0xFF3BADAB)</a>
YUV	<a href="#">138.6860, 15.9308, -69.8846</a>
Hunter-Lab	<a href="#">58.1010, -27.6422, -3.9989</a>

# Details

The Hex color **3BADAB** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AD3B3D**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **79E5E2**, and **007877** is the 20% darker color. If you saturate the color by 10%, you get **2AADAB**, and if you desaturate by 10%, it is **4CADAB**.

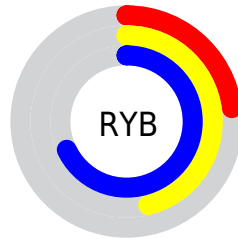
# Distribution



Red (23%)

Green (68%)

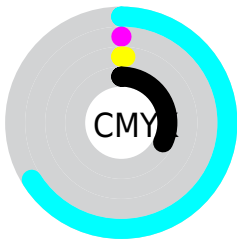
Blue (67%)



Red (23%)

Yellow (46%)

Blue (68%)

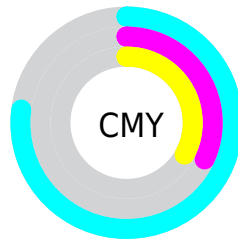


Cyan (66%)

Magenta (0%)

Yellow (1%)

Black (32%)



Cyan (77%)

Magenta (32%)

Yellow (33%)

# Brightness & Saturation Gradients

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



 3BADAB

 3BADAB

FFFFFF

 0D9291

 79E5E2

 007877

 96FFFF

 005F5E

 B4FFFF

 004747

 D1FFFF

 002F30

 EFFFFFF

 001A1C

 000000

 3BADAB

 3BADAB

 2AADAB

 4CADAB

18ADAA

5EADAC

07ADAA

6FADAC

00ADAA

80ADAC

92ADAD

A3ADAD

B4ADAD

C5ADAD

D7ADAE

# Harmonies

## Analogous

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



5EAC8D



3BADAB



35ABC5

# Triad

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



3BADAB



B390C7



BE9665

# Complementary

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



3BADAB



AD3B3D

# 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.



D18D75



3BADAB



CD88AD

# Square

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



3BADAB



8B9BD6



D78790



A2A064

# Rectangle

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



3BADAB



4DA7D1



D78790



C69369



# Sweetspot

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



3BADAB



B4E0E0



3FAD3B



557070



F0F0F0



707070



# Same Dimension

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



3BADAB



2FE0DD



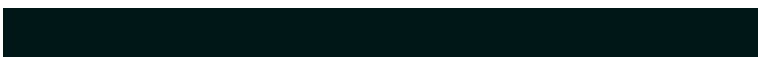
3B78AD



4E5757



009694



001717



# Inverse Universe

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



AD3B3D



E02F32



AD703B



574E4E



960003

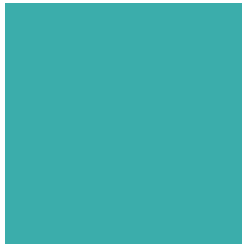


170000



# Previews

## White Background



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

## Color Contrast Check

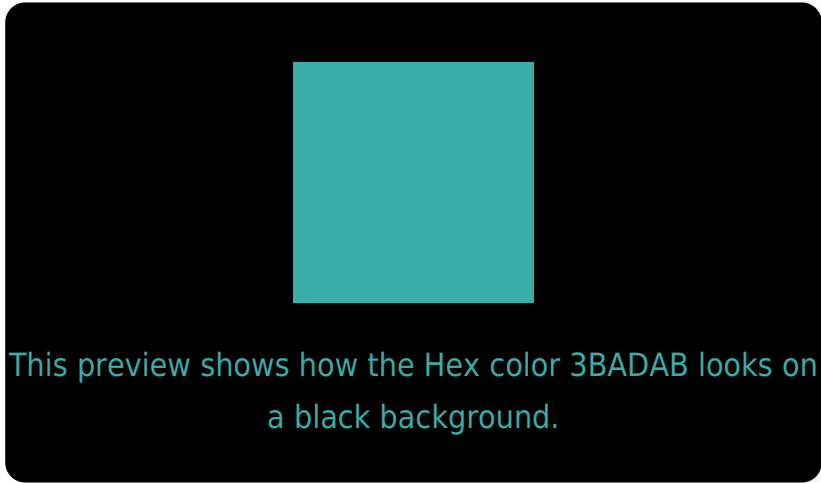
Large Text (above 18pt) WCAG AA × Fail

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

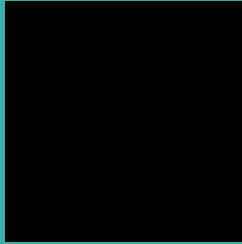
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

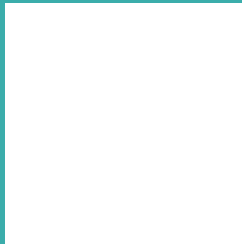
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3BADAB Background



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

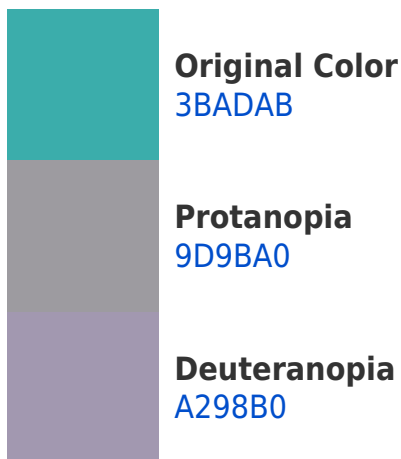


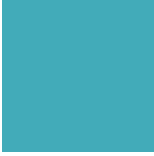
This preview shows how white text looks on a background with the Hex color 3BADAB.

# 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**  
42ABB9

# Trichromacy



**Original Color**  
3BADAB



**Protanomaly**  
79A2A4



**Deuteranomaly**  
7DA0AE



**Tritanomaly**  
3FACB4

# Monochromacy



**Original Color**  
3BADAB



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
6E9797

# CSS Examples

## Text

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

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

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 #3BADAB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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