

# Converting Colors

Hex(3AB999)

Have a look what the booklet for  
Hex(3AB999) contains.

<b>Hex(3AB999)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(3AB999)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3AB999
RGB	58, 185, 153
RGB Percent	23%, 73%, 60%
CMY	0.7725, 0.2745, 0.4000
CMYK	0.69, 0.00, 0.17, 0.27
HSL	165°, 52%, 48%
HSV	165°, 69%, 73%
XYZ	24.8437, 37.8974, 36.1425
YIQ	143.3790, -65.4200, -36.8760

# Conversions

## Conversions Part 2

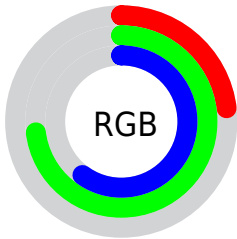
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 131, 185
Decimal	3848601
CIELab	67.94, -42.14, 6.25
CIElCh	68, 42.603, 171.559
Yxy	37.8974, 0.2512, 0.3833
Android (android.graphics.Color)	4282038681 (0xFF3AB999)
YUV	143.3790, 4.7432, -74.8774
Hunter-Lab	61.5608, -35.6955, 8.2833

# Details

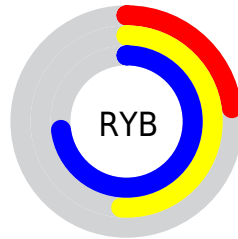
The Hex color **3AB999** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B93A5A**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **79F2CF**, and **008366** is the 20% darker color. If you saturate the color by 10%, you get **28B994**, and if you desaturate by 10%, it is **4DB99E**.

# Distribution



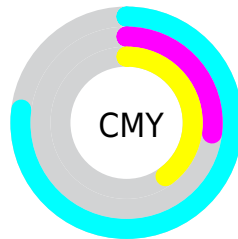
- Red (23%)
- Green (73%)
- Blue (60%)



- Red (23%)
- Yellow (51%)
- Blue (73%)



- Cyan (69%)
- Magenta (0%)
- Yellow (17%)
- Black (27%)



- Cyan (77%)
- Magenta (27%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3AB999 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 3AB999 by changing the saturation by 10% instead.



 3AB999

 3AB999

FFFFFF

 079E7F

 79F2CF

 008366

 96FFEC

 00694E

 B4FFFF

 005037

 D2FFFF

 003822

 F0FFFF

 00230C

 000000

 3AB999

 3AB999

 28B994

 4DB99E

■ 15B990

■ 5FB9A2

■ 03B98B

■ 72B9A7

■ 00B98A

■ 84B9AC

■ 97B9B0

■ A9B9B5

■ BCB9BA

■ CEB9BE

■ E1B9C3

# Harmonies

## Analogous

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



75B474



3AB999



00B9C1

# Triad

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



3AB999



99A0ED



E3926B

# Complementary

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



3AB999



B93A5A

# 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.



EF888B



3AB999



CB91D6

# Square

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



3AB999



51ADF1



E888B2



C7A059

# Rectangle

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



3AB999



00B7D7



E888B2



E98E74



# Sweetspot

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



3AB999



BDF0E3



5CB93A



5A7870



F7F7F7



787878



# Same Dimension

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



3AB999



2BF0BE



3A9BB9



535C59



009C74



001C15



# Inverse Universe

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



B93A5A



F02B5D



B9583A



5C5355



9C0027

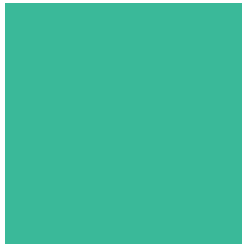


1C0007



# Previews

## White Background



This preview shows how the Hex color 3AB999 looks on a white background.

## Color Contrast Check

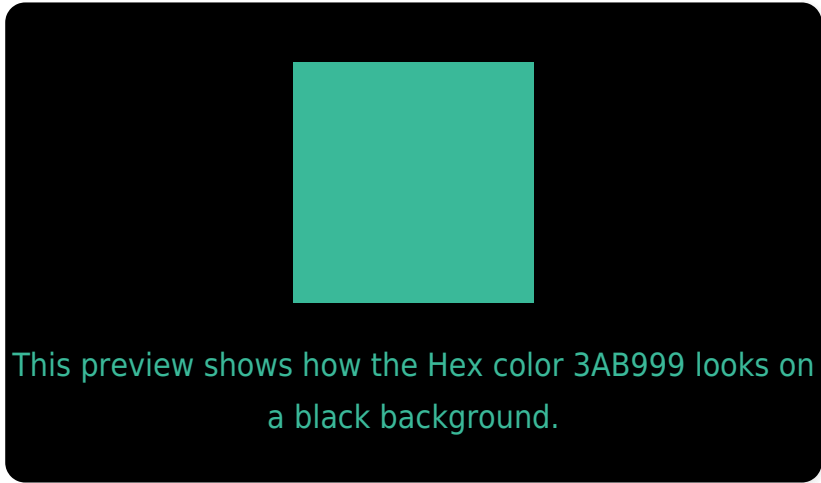
Large Text (above 18pt) WCAG AA × Fail

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

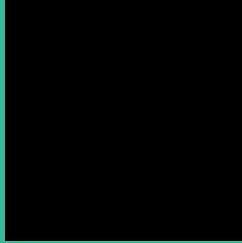
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3AB999 Background



This preview shows how black text looks on a background with the Hex color 3AB999.

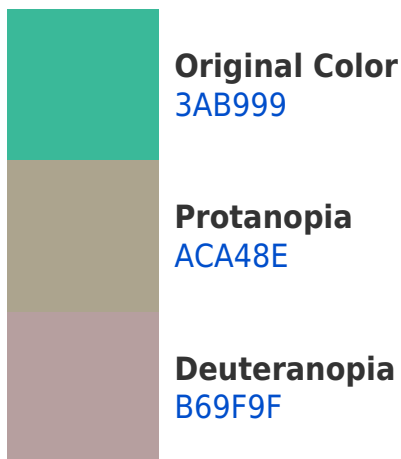


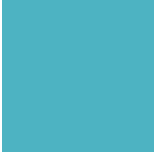
This preview shows how white text looks on a background with the Hex color 3AB999.

# 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](#).

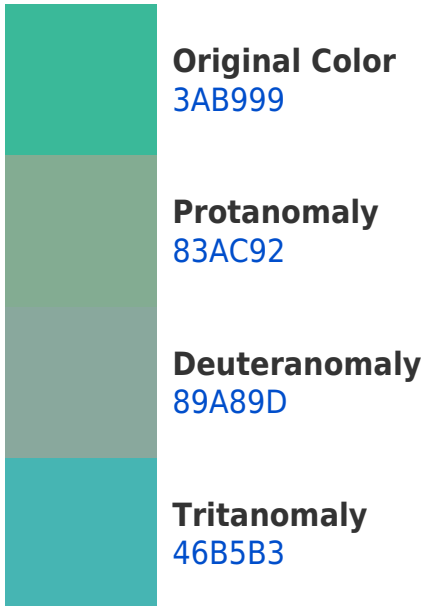
## Dichromacy



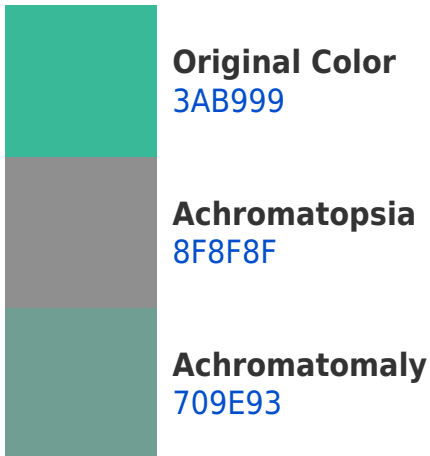


**Tritanopia**  
4DB3C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3AB999 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 #3AB999 looks like.

```
.text, #text, p{  
    color:#3AB999  
}
```

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 #3AB999 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AB999  
}
```

## Border

The CSS property to change the border of an element to Hex 3AB999 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  
#3AB999 }
```

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

```
.border{ border-color:#3AB999 }
```

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

Here you see how a box with a 4 pixel #3AB999 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AB999; -webkit-box-shadow:4px 4px  
4px 4px #3AB999; box-shadow:4px 4px 4px  
4px #3AB999 }
```

# Background

The CSS property to change the background color of an element to Hex 3AB999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AB999 }
```

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

```
.background{ background-color:#3AB999 }
```

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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