

# Converting Colors

Hex(3AB29F)

Have a look what the booklet for  
Hex(3AB29F) contains.

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**Color**

**Hex(3AB29F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3AB29F
RGB	58, 178, 159
RGB Percent	23%, 70%, 62%
CMY	0.7725, 0.3020, 0.3765
CMYK	0.67, 0.00, 0.11, 0.30
HSL	170°, 51%, 46%
HSV	170°, 67%, 70%
XYZ	23.9233, 35.2435, 38.3427
YIQ	139.9540, -65.4210, -31.3490

# Conversions

## Conversions Part 2

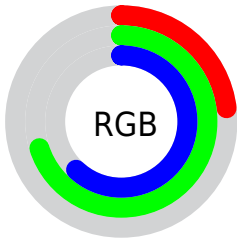
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 123, 178
Decimal	3846815
CIELab	65.94, -37.49, 0.04
CIELCh	66, 37.488, 179.941
Yxy	35.2435, 0.2453, 0.3614
Android (android.graphics.Color)	4282036895 (0xFF3AB29F)
YUV	139.9540, 9.3897, -71.8737
Hunter-Lab	59.3663, -31.9593, 3.2630

# Details

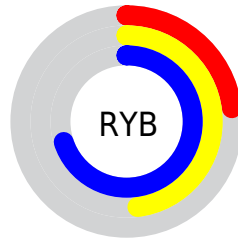
The Hex color **3AB29F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B23A4D**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **78EAD6**, and **007D6C** is the 20% darker color. If you saturate the color by 10%, you get **28B29C**, and if you desaturate by 10%, it is **4CB2A2**.

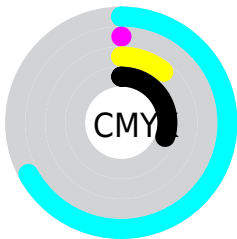
# Distribution



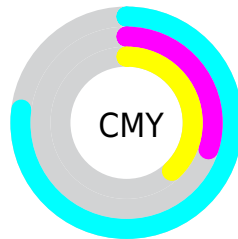
- Red (23%)
- Green (70%)
- Blue (62%)



- Red (23%)
- Yellow (48%)
- Blue (70%)



- Cyan (67%)
- Magenta (0%)
- Yellow (11%)
- Black (30%)



- Cyan (77%)
- Magenta (30%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3AB29F 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 3AB29F by changing the saturation by 10% instead.



 3AB29F

 3AB29F

FFFFFF

 0A9785

 78EAD6

 007D6C

 95FFF2

 006354

 B3FFFF

 004A3C

 D0FFFF

 003327

 EEEFFF

 001D12

 000000

 3AB29F

 3AB29F

 28B29C

 4CB2A2

■ 16B299

■ 5EB2A5

■ 05B297

■ 6FB2A7

■ 00B296

■ 81B2AA

■ 93B2AD

■ A5B2B0

■ B7B2B3

■ C8B2B6

■ DAB2B8

# Harmonies

## Analogous

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



6BAF7D



3AB29F



00B1C1

# Triad

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



3AB29F



A498DA



D19267

# Complementary

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



3AB29F



B23A4D

# 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.



E08980



3AB29F



CA8CC2

# Square

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



3AB29F



6EA4E3



DF86A2



B69E5C

# Rectangle

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



3AB29F



0AAFD3



DF86A2



D88F6E



# Sweetspot

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



3AB29F



BAE8E1



4EB23A



597571



F5F5F5



757575



# Same Dimension

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



3AB29F



2CE8CA



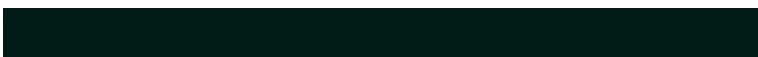
3A8AB2



505958



009981



001A15



# Inverse Universe

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



B23A4D



E82C4A



B2623A



595052



990018

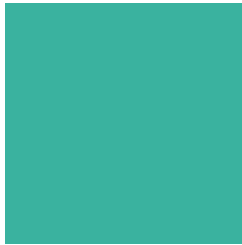


1A0004



# Previews

## White Background



This preview shows how the Hex color 3AB29F looks on a white background.

## Color Contrast Check

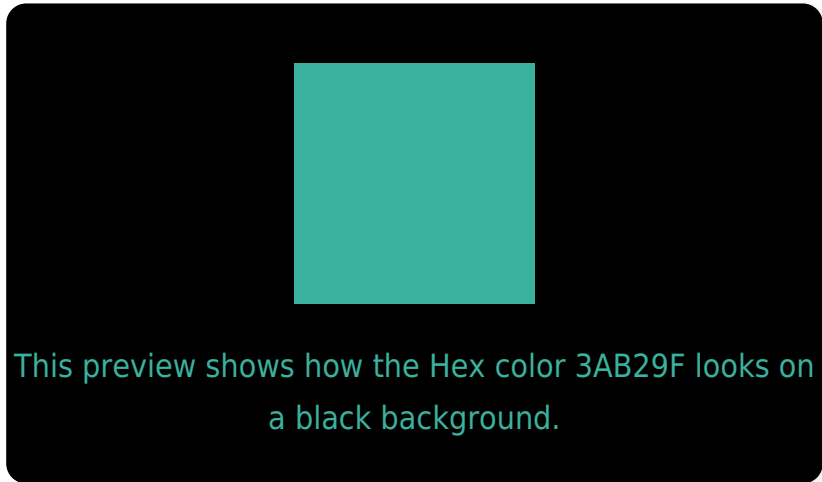
Large Text (above 18pt) WCAG AA × Fail

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

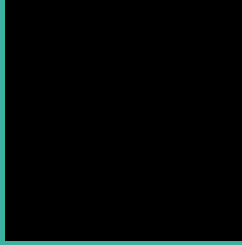
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3AB29F Background



This preview shows how black text looks on a background with the Hex color 3AB29F.

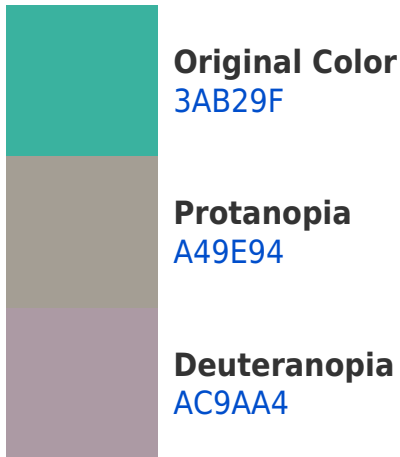


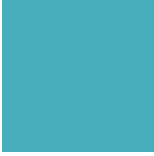
This preview shows how white text looks on a background with the Hex color 3AB29F.

# 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**  
48AEBC

# Trichromacy



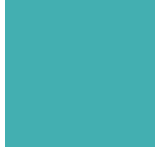
**Original Color**  
3AB29F



**Protanomaly**  
7DA598



**Deuteranomaly**  
83A3A2



**Tritanomaly**  
43AFB1

# Monochromacy



**Original Color**  
3AB29F



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
6E9A93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3AB29F 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 #3AB29F looks like.

```
.text, #text, p{  
    color:#3AB29F  
}
```

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 #3AB29F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AB29F
}
```

## Border

The CSS property to change the border of an element to Hex 3AB29F 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
#3AB29F }
```

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

```
.border{ border-color:#3AB29F }
```

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

Here you see how a box with a 4 pixel #3AB29F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AB29F; -webkit-box-shadow:4px 4px  
4px 4px #3AB29F; box-shadow:4px 4px 4px  
4px #3AB29F }
```

# Background

The CSS property to change the background color of an element to Hex 3AB29F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AB29F }
```

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

```
.background{ background-color:#3AB29F }
```

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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