

Converting Colors

Hex(3AB19C)

Have a look what the booklet for
Hex(3AB19C) contains.

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Color

Hex(3AB19C)

Conversions

Conversions Part 1

Format	Color
Hex	3AB19C
RGB	58, 177, 156
RGB Percent	23%, 69%, 61%
CMY	0.7725, 0.3059, 0.3882
CMYK	0.67, 0.00, 0.12, 0.31
HSL	169°, 51%, 46%
HSV	169°, 67%, 69%
XYZ	23.4678, 34.7441, 36.9219
YIQ	139.0250, -64.1830, -31.7590

Conversions

Conversions Part 2

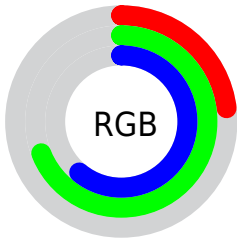
Format	Color
RYB	58, 123, 177
Decimal	3846556
CIELab	65.55, -37.83, 1.13
CIElCh	66, 37.845, 178.282
Yxy	34.7441, 0.2467, 0.3652
Android (android.graphics.Color)	4282036636 (0xFF3AB19C)
YUV	139.0250, 8.3687, -71.0589
Hunter-Lab	58.9441, -32.0849, 4.1224




Details

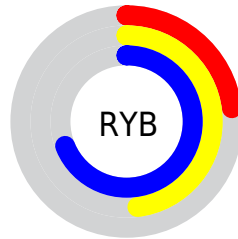
The Hex color **3AB19C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B13A4F**, and the grayscale version is **8B8B8B**.




A 20% lighter version of the original color is **78E9D2**, and **007C69** is the 20% darker color. If you saturate the color by 10%, you get **28B199**, and if you desaturate by 10%, it is **4CB19F**.

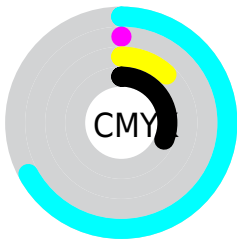
Distribution







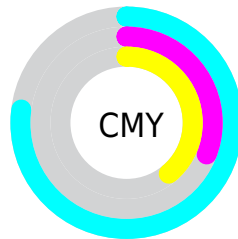
-  Red (23%)
-  Green (69%)
-  Blue (61%)






-  Red (23%)
-  Yellow (48%)
-  Blue (69%)



-  Cyan (67%)
-  Magenta (0%)
-  Yellow (12%)
-  Black (31%)



-  Cyan (77%)
-  Magenta (31%)
-  Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AB19C 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 3AB19C by changing the saturation by 10% instead.

 3AB19C

 3AB19C


FFFFFF

 0B9682

 78E9D2

 007C69

 95FDEF

 006251

 B2FFFF

 00493A

 D0FFFF

 003224

 EEEFFF

 001C10

 000000

 3AB19C

 3AB19C

 28B199

 4CB19F

■ 17B196

■ 5DB1A2

■ 05B193

■ 6FB1A5

■ 00B192

■ 81B1A8

■ 93B1AC

■ A4B1AF

■ B6B1B2

■ C8B1B5

■ D9B1B8

Harmonies

Analogous

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



6CAE7A



3AB19C



00B1BE

Triad

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



3AB19C



A097DB



D29166

Complementary

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



3AB19C



B13A4F

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.



E08781



3AB19C



C88BC3

Square

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



3AB19C



69A3E3



DE85A2



B79C5B

Rectangle

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



3AB19C



00AED1



DE85A2



D88D6E

Sweetspot

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



3AB19C



B8E6DD



50B13A



57736E



F2F2F2



737373

Same Dimension

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



3AB19C



2CE6C5



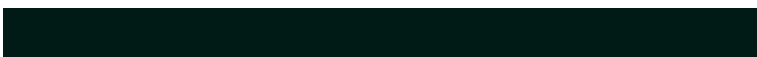
3A8BB1



505958



00997E



001A15

Inverse Universe

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



B13A4F



E62C4C



B1603A



595052



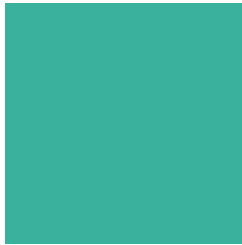
99001B



1A0004

Previews

White Background



This preview shows how the Hex color 3AB19C looks on a white background.

Color Contrast Check

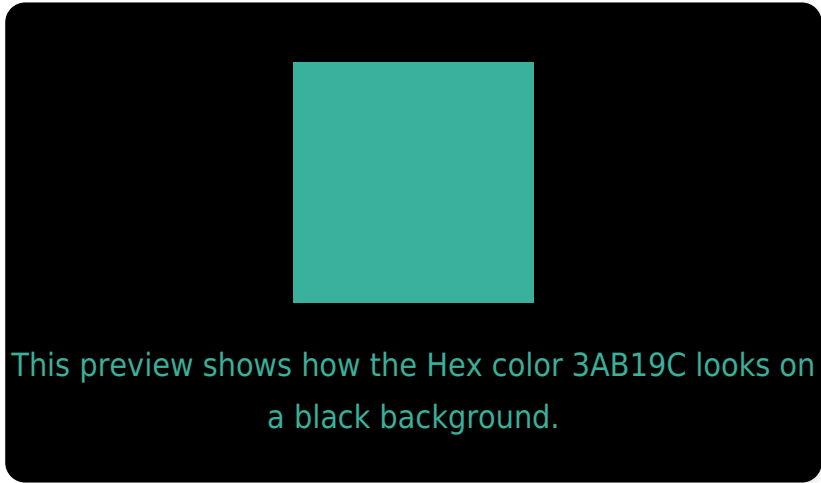
Large Text (above 18pt) WCAG AA × Fail

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

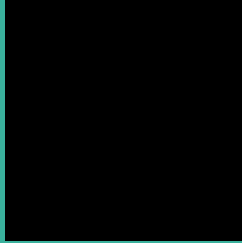
Any Text WCAG AA ✓ Pass

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 3AB19C Background



This preview shows how black text looks on a background with the Hex color 3AB19C.

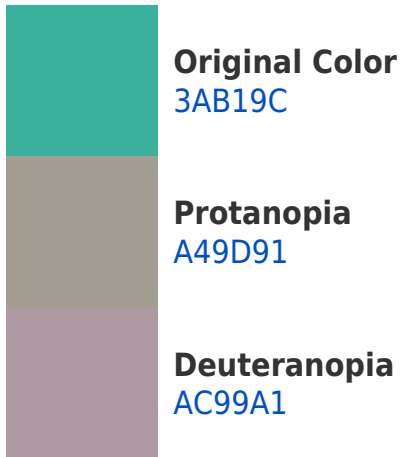


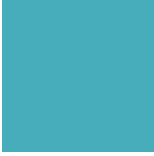
This preview shows how white text looks on a background with the Hex color 3AB19C.

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
48ADBB

Trichromacy



Original Color
3AB19C



Protanomaly
7DA495



Deuteranomaly
83A29F



Tritanomaly
43AE80

Monochromacy



Original Color
3AB19C



Achromatopsia
8B8B8B



Achromatomaly
6E9991

CSS Examples

Text

The CSS property to change the color of the text to Hex 3AB19C 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 #3AB19C looks like.

```
.text, #text, p{  
    color:#3AB19C  
}
```

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 #3AB19C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AB19C
}
```

Border

The CSS property to change the border of an element to Hex 3AB19C 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
#3AB19C }
```

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

```
.border{ border-color:#3AB19C }
```

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

Here you see how a box with a 4 pixel #3AB19C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AB19C; -webkit-box-shadow:4px 4px  
4px 4px #3AB19C; box-shadow:4px 4px 4px  
4px #3AB19C }
```

Background

The CSS property to change the background color of an element to Hex 3AB19C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AB19C }
```

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

```
.background{ background-color:#3AB19C }
```

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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