

Converting Colors

Hex(3AB1B8)

Have a look what the booklet for
Hex(3AB1B8) contains.

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Color

Hex(3AB1B8)

Conversions

Conversions Part 1

Format	Color
Hex	3AB1B8
RGB	58, 177, 184
RGB Percent	23%, 69%, 72%
CMY	0.7725, 0.3059, 0.2784
CMYK	0.68, 0.04, 0.00, 0.28
HSL	183°, 52%, 47%
HSV	183°, 68%, 72%
XYZ	26.1188, 35.8045, 50.8818
YIQ	142.2170, -73.1710, -23.0510

Conversions

Conversions Part 2

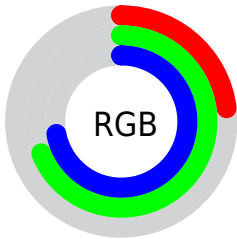
Format	Color
RYB	58, 119, 184
Decimal	3846584
CIELab	66.37, -29.98, -13.18
CIELCh	66, 32.747, 203.741
Yxy	35.8045, 0.2315, 0.3174
Android (android.graphics.Color)	4282036664 (0xFF3AB1B8)
YUV	142.2170, 20.5990, -73.8583
Hunter-Lab	59.8369, -26.7993, -8.5309

Details

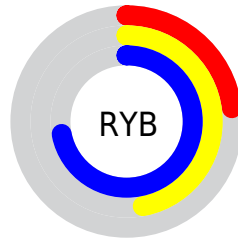
The Hex color **3AB1B8** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B8413A**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **7AE9F0**, and **007C83** is the 20% darker color. If you saturate the color by 10%, you get **28B0B8**, and if you desaturate by 10%, it is **4CB2B8**.

Distribution



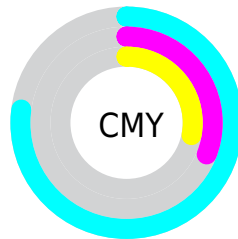
- Red (23%)
- Green (69%)
- Blue (72%)



- Red (23%)
- Yellow (47%)
- Blue (72%)



- Cyan (68%)
- Magenta (4%)
- Yellow (0%)
- Black (28%)



- Cyan (77%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AB1B8 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 3AB1B8 by changing the saturation by 10% instead.

 3AB1B8

 3AB1B8

FFFFFF

 03969D

 7AE9F0

 007C83

 98FFFF

 00636A

 B5FFFF

 004A52

 D3FFFF

 00333B

 F2FFFF

 001F25

 000110

 000000

 3AB1B8

 3AB1B8

■ 28B0B8

■ 4CB2B8

■ 15AFB8

■ 5FB3B8

■ 03AEB8

■ 71B4B8

■ 00AEB8

■ 84B5B8

■ 96B6B8

■ A8B7B8

■ BBB8B8

■ CDB9B8

■ E0BAB8

Harmonies

Analogous

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



57B19A



3AB1B8



44ADD0

Triad

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



3AB1B8



C192C4



BB9D67

Complementary

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



3AB1B8



B8413A

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.



D19373



3AB1B8



D68BA9

Square

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



3AB1B8



9C9CD7



DB8C8B



9DA76B

Rectangle

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



3AB1B8



5FA9D9



DB8C8B



C39A69

Sweetspot

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



3AB1B8



BDEDFO



3AB840



5A7678



F7F7F7



787878

Same Dimension

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



3AB1B8



2BE5F0



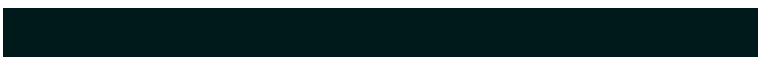
3A73B8



535B5C



00939C



001A1C

Inverse Universe

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



B83AB1



F02BE5



B87F3A



5C535B



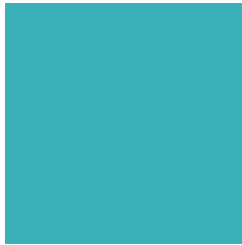
9C0093



1C001A

Previews

White Background



This preview shows how the Hex color 3AB1B8 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 3AB1B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

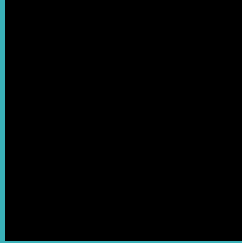
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

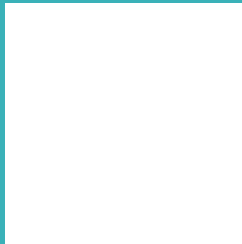
Any Text WCAG AAA ✓ Pass

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

Hex 3AB1B8 Background



This preview shows how black text looks on a background with the Hex color 3AB1B8.

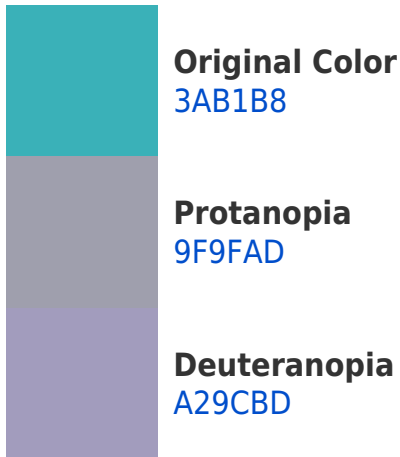


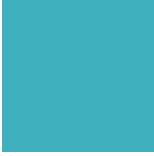
This preview shows how white text looks on a background with the Hex color 3AB1B8.

Color Blindness Simulation

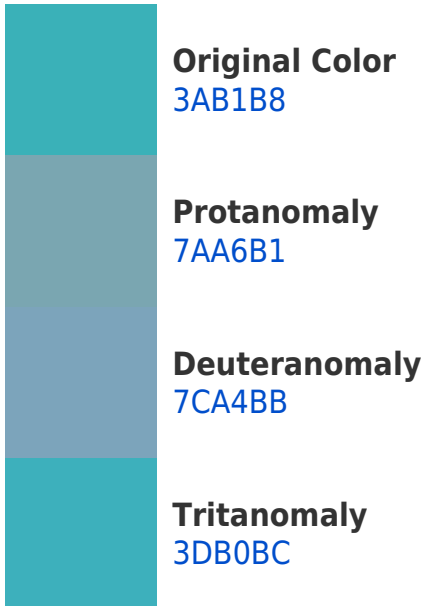
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3AB1B8 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 #3AB1B8 looks like.

```
.text, #text, p{  
  color:#3AB1B8  
}
```

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 #3AB1B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AB1B8
}
```

Border

The CSS property to change the border of an element to Hex 3AB1B8 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
#3AB1B8 }
```

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

```
.border{ border-color:#3AB1B8 }
```

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

Here you see how a box with a 4 pixel #3AB1B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AB1B8; -webkit-box-shadow:4px 4px  
4px 4px #3AB1B8; box-shadow:4px 4px 4px  
4px #3AB1B8 }
```

Background

The CSS property to change the background color of an element to Hex 3AB1B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AB1B8 }
```

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

```
.background{ background-color:#3AB1B8 }
```

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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