

# Converting Colors

Hex(3AB8BB)

Have a look what the booklet for  
Hex(3AB8BB) contains.

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**Color**

**Hex(3AB8BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3AB8BB
RGB	58, 184, 187
RGB Percent	23%, 72%, 73%
CMY	0.7725, 0.2784, 0.2667
CMYK	0.69, 0.02, 0.00, 0.27
HSL	181°, 53%, 48%
HSV	181°, 69%, 73%
XYZ	27.8551, 38.7684, 53.0286
YIQ	146.6680, -76.0590, -25.7790

# Conversions

## Conversions Part 2

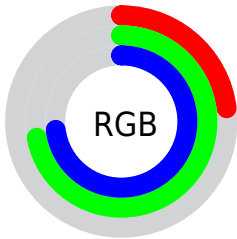
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	58, 122, 187
Decimal	3848379
CIE <sub>Lab</sub>	68.58, -32.46, -11.52
CIE <sub>LCh</sub>	69, 34.449, 199.540
Y <sub>xy</sub>	38.7684, 0.2328, 0.3240
Android (android.graphics.Color)	4282038459 (0xFF3AB8BB)
YUV	146.6680, 19.8837, -77.7618
Hunter-Lab	62.2643, -29.1072, -6.9106

# Details

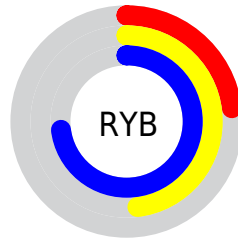
The Hex color **3AB8BB** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BB3D3A**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **7BF0F3**, and **008286** is the 20% darker color. If you saturate the color by 10%, you get **27B8BB**, and if you desaturate by 10%, it is **4DB8BB**.

# Distribution



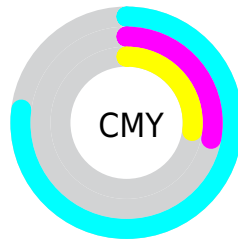
- Red (23%)
- Green (72%)
- Blue (73%)



- Red (23%)
- Yellow (48%)
- Blue (73%)



- Cyan (69%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



- Cyan (77%)
- Magenta (28%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3AB8BB 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 3AB8BB by changing the saturation by 10% instead.



 3AB8BB

 3AB8BB

FFFFFF

 009DA0

 7BF0F3

 008286

 99FFFF

 00696D

 B7FFFF

 005054

 D5FFFF

 00383D

 F3FFFF

 002427

 000113

 000000

 3AB8BB

 3AB8BB

 27B8BB

 4DB8BB

 15B7BB

 5FB9BB

 02B7BB

 72B9BB

 00B7BB

 85BABB

 98BABB

 AABBBB

 BDBBBB

 D0BBBB

 E2BCBB

# Harmonies

## Analogous

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



5EB79B



3AB8BB



3DB5D6

# Triad

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



3AB8BB



C498D0



C6A26A

# Complementary

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



3AB8BB



BB3D3A

# 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.



DC9779



3AB8BB



DD90B4

# Square

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



3AB8BB



9CA3E2



E59094



A8AC6C

# Rectangle

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



3AB8BB



59B0E1



E59094



CF9E6D



# Sweetspot

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



3AB8BB



BFF1F2



3ABB3C



5C7A7A



FAFAFA



7A7A7A



# Same Dimension

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



3AB8BB



29EEF2



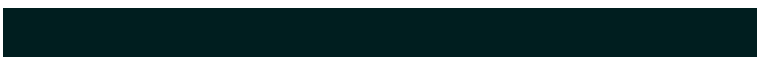
3A78BB



555E5E



009A9E



001E1F



# Inverse Universe

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



BB3AB8



F229EE



BB7D3A



5E555E



9E009A

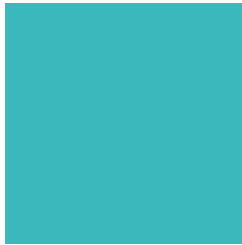


1F001E



# Previews

## White Background



This preview shows how the Hex color 3AB8BB looks on a white background.

## Color Contrast Check

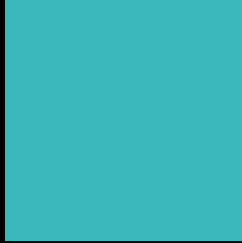
Large Text (above 18pt) WCAG AA × Fail

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 3AB8BB 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

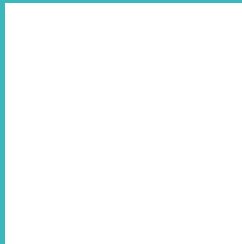
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3AB8BB Background



This preview shows how black text looks on a background with the Hex color 3AB8BB.

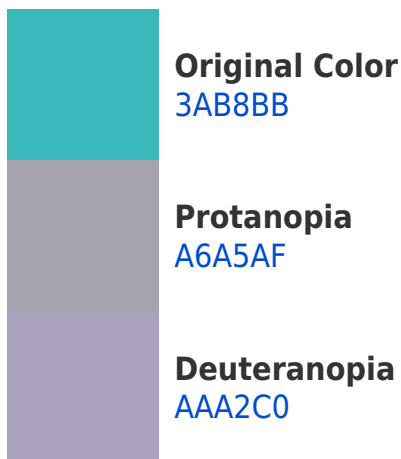


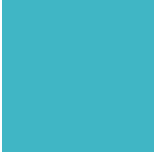
This preview shows how white text looks on a background with the Hex color 3AB8BB.

# 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**  
40B6C5

# Trichromacy



**Original Color**  
3AB8BB



**Protanomaly**  
7FACB3



**Deuteranomaly**  
81AABE



**Tritanomaly**  
3EB7C1

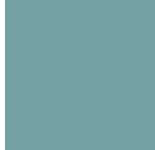
# Monochromacy



**Original Color**  
3AB8BB



**Achromatopsia**  
939393



**Achromatomaly**  
73A0A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3AB8BB 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 #3AB8BB looks like.

```
.text, #text, p{  
    color:#3AB8BB  
}
```

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 #3AB8BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AB8BB
}
```

## Border

The CSS property to change the border of an element to Hex 3AB8BB 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
#3AB8BB }
```

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

```
.border{ border-color:#3AB8BB }
```

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

Here you see how a box with a 4 pixel #3AB8BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AB8BB; -webkit-box-shadow:4px 4px  
4px 4px #3AB8BB; box-shadow:4px 4px 4px  
4px #3AB8BB }
```

# Background

The CSS property to change the background color of an element to Hex 3AB8BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AB8BB }
```

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

```
.background{ background-color:#3AB8BB }
```

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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