

# Converting Colors

Hex(3BB9CA)

Have a look what the booklet for  
Hex(3BB9CA) contains.

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**Color**

**Hex(3BB9CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3BB9CA
RGB	59, 185, 202
RGB Percent	23%, 73%, 79%
CMY	0.7686, 0.2745, 0.2078
CMYK	0.71, 0.08, 0.00, 0.21
HSL	187°, 57%, 51%
HSV	187°, 71%, 79%
XYZ	29.8133, 39.8920, 62.0057
YIQ	149.2640, -80.5530, -21.4250

# Conversions

## Conversions Part 2

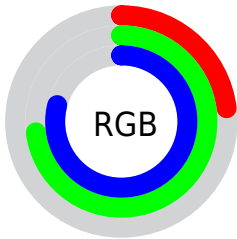
Format	Color
R <sub>Y</sub> B	59, 126, 202
Decimal	3914186
CIE Lab	69.39, -28.35, -18.55
CIE LCh	69, 33.875, 213.197
Yxy	39.8920, 0.2264, 0.3029
Android (android.graphics.Color)	4282104266 (0xFF3BB9CA)
YUV	149.2640, 25.9988, -79.1615
Hunter-Lab	63.1601, -26.2734, -13.9943

# Details

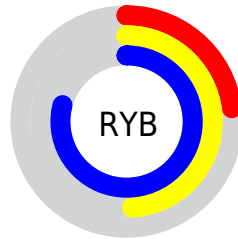
The Hex color **3BB9CA** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **CA4C3B**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **7DF1FF**, and **008394** is the 20% darker color. If you saturate the color by 10%, you get **27B7CA**, and if you desaturate by 10%, it is **4FBBCA**.

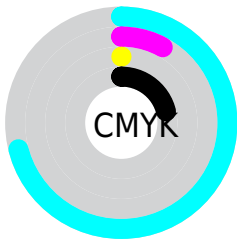
# Distribution



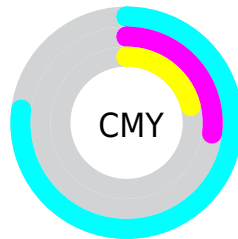
- Red (23%)
- Green (73%)
- Blue (79%)



- Red (23%)
- Yellow (49%)
- Blue (79%)



- Cyan (71%)
- Magenta (8%)
- Yellow (0%)
- Black (21%)



- Cyan (77%)
- Magenta (27%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3BB9CA 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 3BB9CA by changing the saturation by 10% instead.



 3BB9CA

 3BB9CA

FFFFFF

 009EAF

 7DF1FF

 008394

 9CFFFF

 006A7A

 BAFFFF

 005161

 D8FFFF

 003A49

 F7FFFF

 002533

 00021E

 000001

 000000

3BB9CA

3BB9CA

27B7CA

4FBBCA

13B4CA

63BECA

00B2CA

78C0CA

8CC3CA

A0C5CA

B4C7CA

C8CACA

DDCCCA

F1CFCA

# Harmonies

## Analogous

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



51BAAC



3BB9CA



54B4DF

# Triad

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



3BB9CA



D396C6



BBA96C

# Complementary

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



3BB9CA



CA4C3B

# 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.



D59E73



3BB9CA



E492A7

# Square

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



3BB9CA



B2A0DD



E49589



9AB275

# Rectangle

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



3BB9CA



74AFE6



E49589



C5A56C

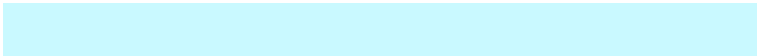


# Sweetspot

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



3BB9CA



C9F9FF



3BCA4C



607C80



000000



808080

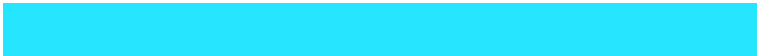


# Same Dimension

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



3BB9CA



26E5FF



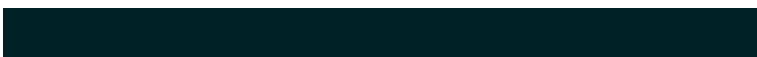
3B72CA



5C6566



0092A6



002226



# Inverse Universe

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



CA3BB9



FF26E5



CA933B



665C65



A60092



260022



# Previews

## White Background



This preview shows how the Hex color 3BB9CA 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 3BB9CA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

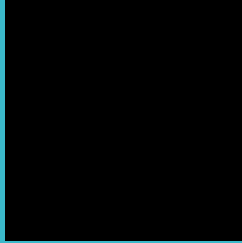
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

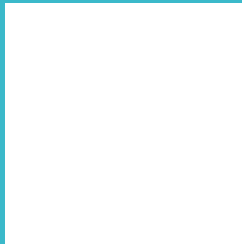
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3BB9CA Background



This preview shows how black text looks on a background with the Hex color 3BB9CA.

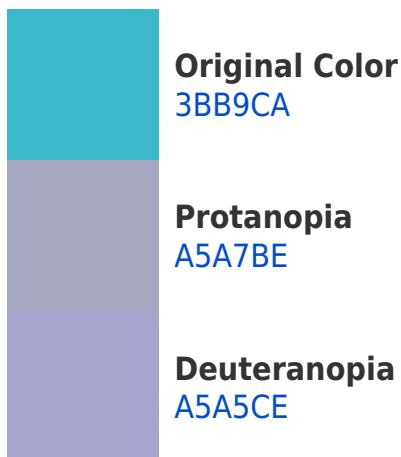


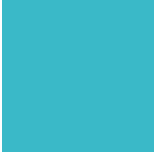
This preview shows how white text looks on a background with the Hex color 3BB9CA.

# 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](#).

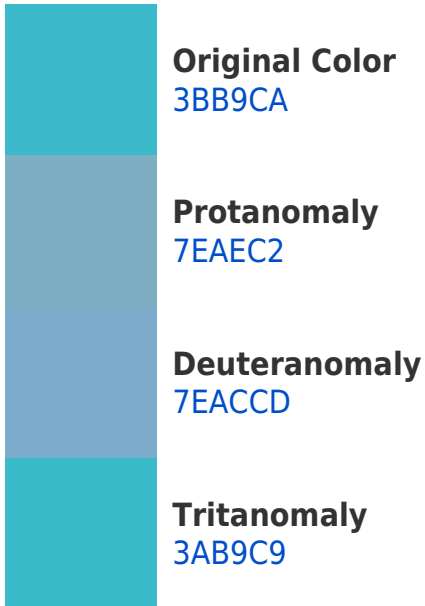
## Dichromacy



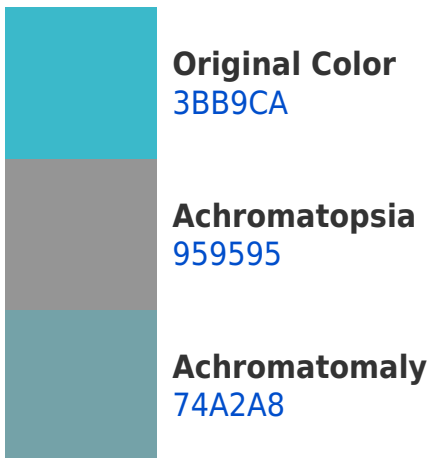


**Tritanopia**  
3AB9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3BB9CA 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 #3BB9CA looks like.

```
.text, #text, p{  
    color:#3BB9CA  
}
```

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 #3BB9CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BB9CA
}
```

## Border

The CSS property to change the border of an element to Hex 3BB9CA 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
#3BB9CA }
```

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

```
.border{ border-color:#3BB9CA }
```

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

Here you see how a box with a 4 pixel #3BB9CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BB9CA; -webkit-box-shadow:4px 4px  
4px 4px #3BB9CA; box-shadow:4px 4px 4px  
4px #3BB9CA }
```

# Background

The CSS property to change the background color of an element to Hex 3BB9CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BB9CA }
```

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

```
.background{ background-color:#3BB9CA }
```

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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