

# Converting Colors

Hex(3BA9C0)

Have a look what the booklet for  
Hex(3BA9C0) contains.

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# **Color**

**Hex(3BA9C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3BA9C0
RGB	59, 169, 192
RGB Percent	23%, 66%, 75%
CMY	0.7686, 0.3373, 0.2471
CMYK	0.69, 0.12, 0.00, 0.25
HSL	190°, 53%, 49%
HSV	190°, 69%, 75%
XYZ	25.5060, 33.1115, 54.9160
YIQ	138.7320, -72.9430, -16.1670

# Conversions

## Conversions Part 2

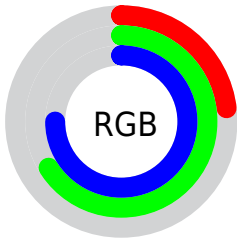
Format	Color
<a href="#">RYB</a>	<a href="#">59, 119, 192</a>
Decimal	<a href="#">3910080</a>
CIELab	<a href="#">64.25, -23.40, -20.84</a>
CIElCh	<a href="#">64, 31.335, 221.678</a>
Yxy	<a href="#">33.1115, 0.2247, 0.2916</a>
Android (android.graphics.Color)	<a href="#">4282100160 (0xFF3BA9C0)</a>
YUV	<a href="#">138.7320, 26.2611, -69.9250</a>
Hunter-Lab	<a href="#">57.5426, -21.5786, -16.3038</a>

# Details

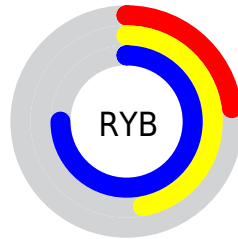
The Hex color **3BA9C0** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **C0523B**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **7BE0F8**, and **00758A** is the 20% darker color. If you saturate the color by 10%, you get **28A6C0**, and if you desaturate by 10%, it is **4EACCC**.

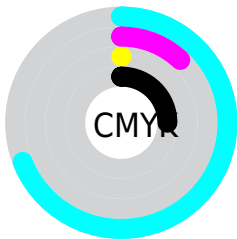
# Distribution



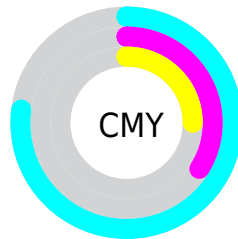
- Red (23%)
- Green (66%)
- Blue (75%)



- Red (23%)
- Yellow (47%)
- Blue (75%)



- Cyan (69%)
- Magenta (12%)
- Yellow (0%)
- Black (25%)



- Cyan (77%)
- Magenta (34%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3BA9C0 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 3BA9C0 by changing the saturation by 10% instead.



 3BA9C0

 3BA9C0

FFFFFF

 068EA5

 7BE0F8

 00758A

 98FDFF

 005C71

 B6FFFF

 004458

 D4FFFF

 002D41

 F2FFFF

 00192B

 000116

 000000

 3BA9C0

 3BA9C0

■ 28A6C0

■ 4EACCO

■ 15A2C0

■ 61B0C0

■ 019FC0

■ 75B3C0

■ 009FC0

■ 88B6C0

■ 9BBAC0

■ AEBDC0

■ C1C0C0

■ D5C4C0

■ E8C7C0

# Harmonies

## Analogous

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



44ABA6



3BA9C0



5BA3D0

# Triad

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



3BA9C0



C889AE



A49E64

# Complementary

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



3BA9C0



C0523B

# 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.



BE9467



3BA9C0



D38792

# Square

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



3BA9C0



AD91C6



CF8B78



85A571

# Rectangle

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



3BA9C0



789ED3



CF8B78



AD9B64



# Sweetspot

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



3BA9C0



C5F1FA



3BC051



5E787D



FCFCFC



7D7D7D



# Same Dimension

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



3BA9C0



2AD6FA



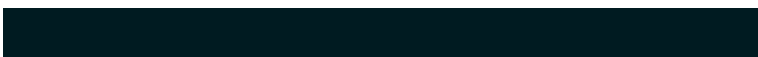
3B67C0



575F61



0085A1



001B21



# Inverse Universe

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



C03BA9



FA2AD6



C0943B



61575F



A10085



21001B



# Previews

## White Background



This preview shows how the Hex color 3BA9C0 looks on a white background.

## Color Contrast Check

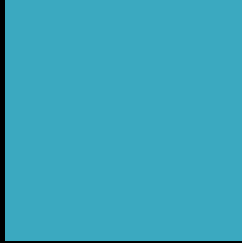
Large Text (above 18pt) WCAG AA × Fail

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 3BA9C0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

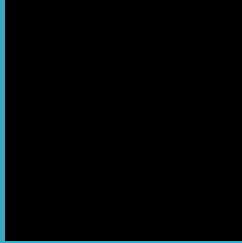
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3BA9C0 Background



This preview shows how black text looks on a background with the Hex color 3BA9C0.

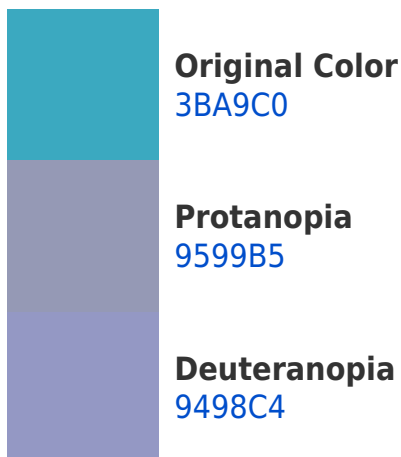


This preview shows how white text looks on a background with the Hex color 3BA9C0.

# 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](#).

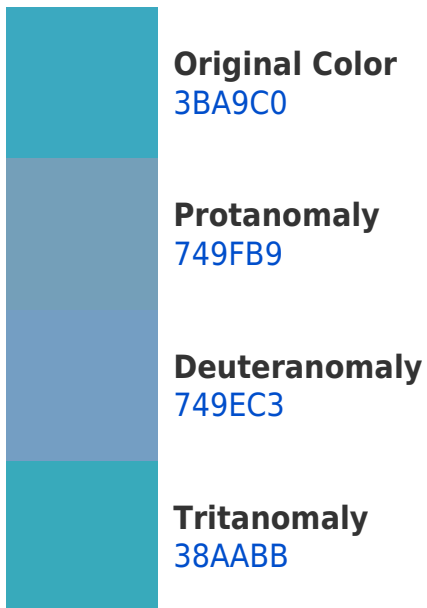
## Dichromacy



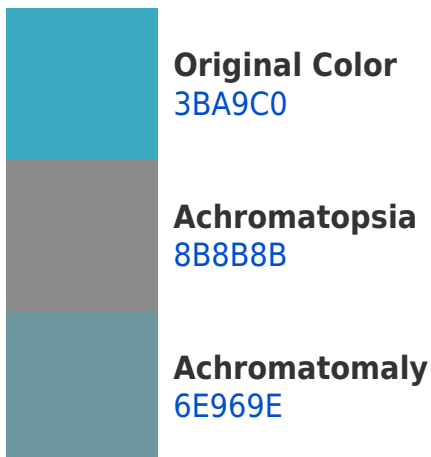


**Tritanopia**  
36AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3BA9C0 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 #3BA9C0 looks like.

```
.text, #text, p{  
    color:#3BA9C0  
}
```

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 #3BA9C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BA9C0
}
```

## Border

The CSS property to change the border of an element to Hex 3BA9C0 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
#3BA9C0 }
```

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

```
.border{ border-color:#3BA9C0 }
```

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

Here you see how a box with a 4 pixel #3BA9C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BA9C0; -webkit-box-shadow:4px 4px  
4px 4px #3BA9C0; box-shadow:4px 4px 4px  
4px #3BA9C0 }
```

# Background

The CSS property to change the background color of an element to Hex 3BA9C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BA9C0 }
```

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

```
.background{ background-color:#3BA9C0 }
```

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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