

# Converting Colors

Hex(3A9BB9)

Have a look what the booklet for  
Hex(3A9BB9) contains.

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# Color

**Hex(3A9BB9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3A9BB9
RGB	58, 155, 185
RGB Percent	23%, 61%, 73%
CMY	0.7725, 0.3922, 0.2745
CMYK	0.69, 0.16, 0.00, 0.27
HSL	194°, 52%, 48%
HSV	194°, 69%, 73%
XYZ	22.2232, 27.8450, 50.1023
YIQ	129.4170, -67.4420, -11.2340

# Conversions

## Conversions Part 2

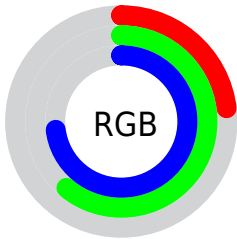
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 113, 185
Decimal	3840953
CIELab	59.75, -18.47, -23.80
CIELCh	60, 30.131, 232.189
Yxy	27.8450, 0.2219, 0.2780
Android (android.graphics.Color)	4282031033 (0xFF3A9BB9)
YUV	129.4170, 27.4024, -62.6327
Hunter-Lab	52.7684, -17.1700, -19.3565

# Details

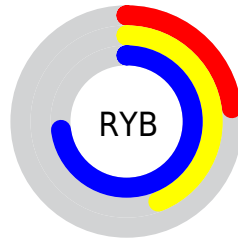
The Hex color **3A9BB9** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B9583A**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **78D2F1**, and **006884** is the 20% darker color. If you saturate the color by 10%, you get **2897B9**, and if you desaturate by 10%, it is **4D9FB9**.

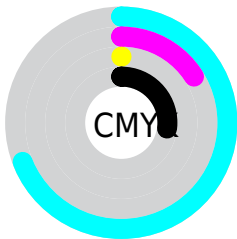
# Distribution



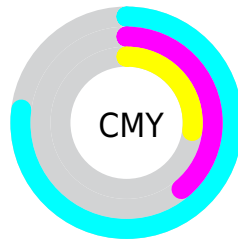
- Red (23%)
- Green (61%)
- Blue (73%)



- Red (23%)
- Yellow (44%)
- Blue (73%)



- Cyan (69%)
- Magenta (16%)
- Yellow (0%)
- Black (27%)



- Cyan (77%)
- Magenta (39%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A9BB9 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 3A9BB9 by changing the saturation by 10% instead.



 3A9BB9

 3A9BB9

FFFFFF

 0A819E

 78D2F1

 006884

 95EEFF

 004F6B

 B3FFFF

 003852

 D0FFFF

 00233B

 EEEFFF

 000226

 00010E

 000000

 3A9BB9

 3A9BB9

■ 2897B9

■ 4D9FB9

■ 1592B9

■ 5FA4B9

■ 038EB9

■ 72A8B9

■ 008DB9

■ 84ACB9

■ 97B1B9

■ A9B5B9

■ BCBAB9

■ CEBEB9

■ E1C2B9

# Harmonies

## Analogous

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



349EA3



3A9BB9



6095C4

# Triad

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



3A9BB9



BF7C98



8E945E

# Complementary

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



3A9BB9



B9583A

# 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.



A88C5B



3A9BB9



C47D7D

# Square

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



3A9BB9



AB82B1



BC8367



6F9B6F

# Rectangle

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



3A9BB9



7C8FC3



BC8367



97925C



# Sweetspot

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



3A9BB9



BDE4F0



3AB958



5A7178



F7F7F7



787878



# Same Dimension

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



3A9BB9



2BC1F0



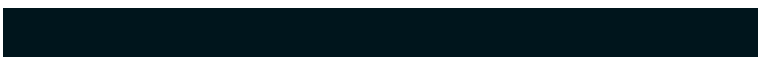
3A5CB9



535A5C



00779C



00151C



# Inverse Universe

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



B93A9B



F02BC1



B9973A



5C535A



9C0077



1C0015



# Previews

## White Background



This preview shows how the Hex color 3A9BB9 looks on a white background.

## Color Contrast Check

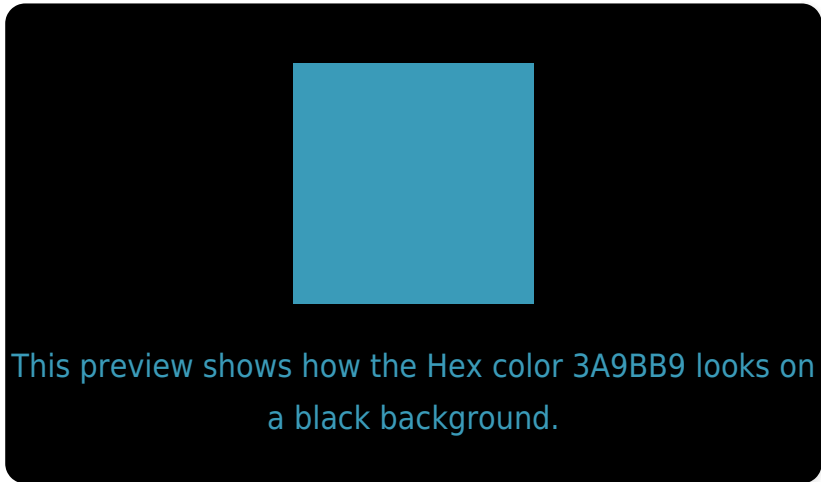
Large Text (above 18pt) WCAG AA ✓ Pass

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

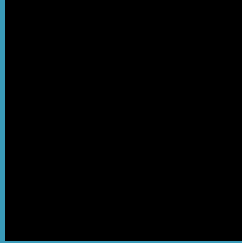
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3A9BB9 Background



This preview shows how black text looks on a background with the Hex color 3A9BB9.

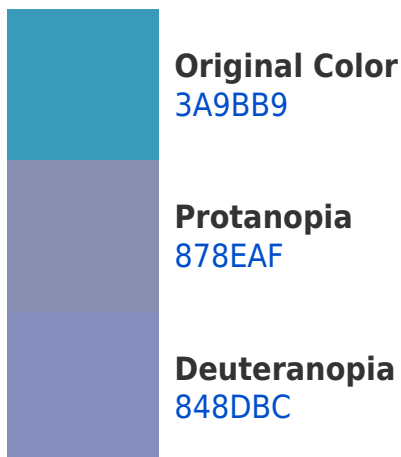


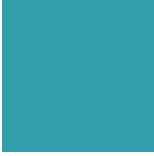
This preview shows how white text looks on a background with the Hex color 3A9BB9.

# 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](#).

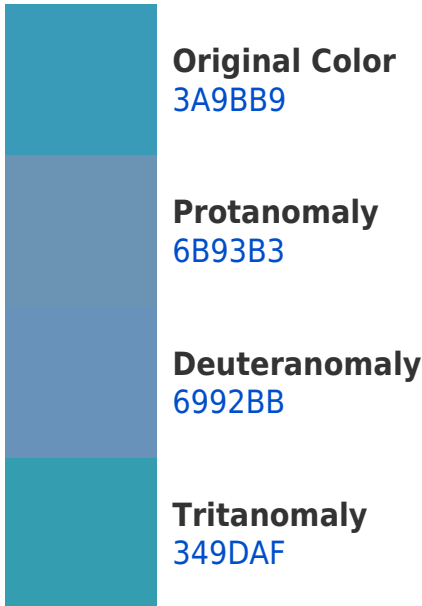
## Dichromacy



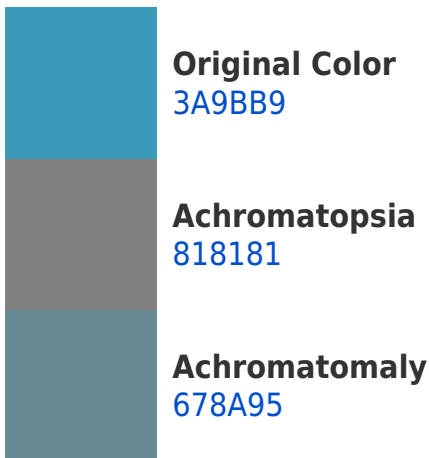


**Tritanopia**  
319EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A9BB9 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 #3A9BB9 looks like.

```
.text, #text, p{  
    color:#3A9BB9  
}
```

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 #3A9BB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A9BB9
}
```

## Border

The CSS property to change the border of an element to Hex 3A9BB9 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
#3A9BB9 }
```

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

```
.border{ border-color:#3A9BB9 }
```

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

Here you see how a box with a 4 pixel #3A9BB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A9BB9; -webkit-box-shadow:4px 4px  
4px 4px #3A9BB9; box-shadow:4px 4px 4px  
4px #3A9BB9 }
```

# Background

The CSS property to change the background color of an element to Hex 3A9BB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A9BB9 }
```

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

```
.background{ background-color:#3A9BB9 }
```

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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