

Converting Colors

Hex(3B9CBA)

Have a look what the booklet for
Hex(3B9CBA) contains.

Hex(3B9CBA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3B9CBA)

Conversions

Conversions Part 1

Format	Color
Hex	3B9CBA
RGB	59, 156, 186
RGB Percent	23%, 61%, 73%
CMY	0.7686, 0.3882, 0.2706
CMYK	0.68, 0.16, 0.00, 0.27
HSL	194°, 52%, 48%
HSV	194°, 68%, 73%
XYZ	22.5550, 28.2519, 50.7188
YIQ	130.4170, -67.4420, -11.2340

Conversions

Conversions Part 2

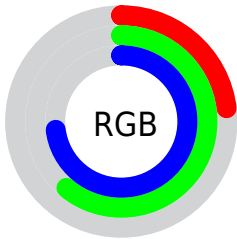
Format	Color
RYB	59, 114, 186
Decimal	3906746
CIELab	60.12, -18.53, -23.80
CIElCh	60, 30.164, 232.100
Yxy	28.2519, 0.2222, 0.2783
Android (android.graphics.Color)	4282096826 (0xFF3B9CBA)
YUV	130.4170, 27.4024, -62.6327
Hunter-Lab	53.1525, -17.2713, -19.3684

Details

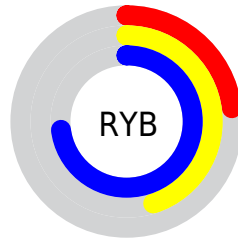
The Hex color **3B9CBA** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BA593B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **79D3F2**, and **006985** is the 20% darker color. If you saturate the color by 10%, you get **2898BA**, and if you desaturate by 10%, it is **4EA0BA**.

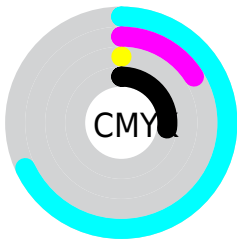
Distribution



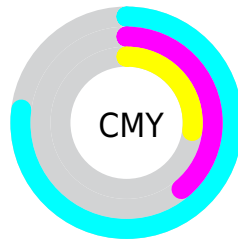
- Red (23%)
- Green (61%)
- Blue (73%)



- Red (23%)
- Yellow (45%)
- Blue (73%)



- Cyan (68%)
- Magenta (16%)
- Yellow (0%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 3B9CBA 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 3B9CBA by changing the saturation by 10% instead.

■ 3B9CBA

■ 3B9CBA

FFFFFF

■ 0D829F

■ 79D3F2

■ 006985

■ 96EFFF

■ 00506B

■ B4FFFF

■ 003953

■ D1FFFF

■ 00243C

■ EFFFFFF

■ 000326

■ 000110

■ 000000

■ 3B9CBA

■ 3B9CBA

■ 2898BA

■ 4EA0BA

■ 1693BA

■ 60A5BA

■ 038FBA

■ 73A9BA

■ 008EBA

■ 85AEBA

■ 98B2BA

■ ABB6BA

■ BDBBBA

■ D0BFBA

■ E2C4BA

Harmonies

Analogous

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



359FA4



3B9CBA



6196C5

Triad

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



3B9CBA



C07D99



8F955F

Complementary

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



3B9CBA



BA593B

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.



A98D5C



3B9CBA



C57E7E

Square

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



3B9CBA



AC83B2



BD8468



709C6F

Rectangle

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



3B9CBA



7D90C5



BD8468



98935C

Sweetspot

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



3B9CBA



C2E7F2



3BBA59



5D737A



FAFAFA



7A7A7A

Same Dimension

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



3B9CBA



2CC3F2



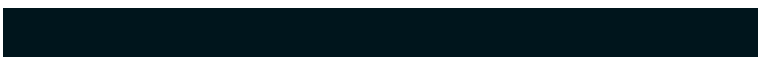
3B5DBA



535A5C



00779C



00151C

Inverse Universe

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



BA3B9C



F22CC3



BA983B



5C535A



9C0077



1C0015

Previews

White Background



This preview shows how the Hex color 3B9CBA looks on a white background.

Color Contrast Check

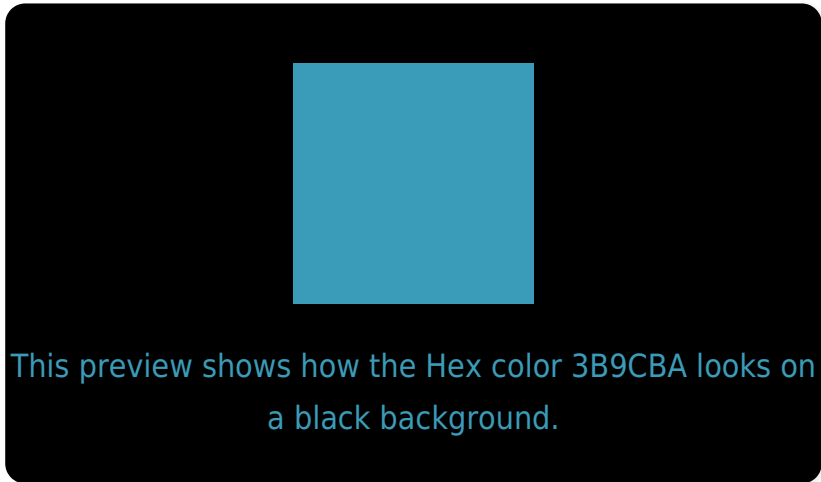
Large Text (above 18pt) WCAG AA ✓ Pass

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

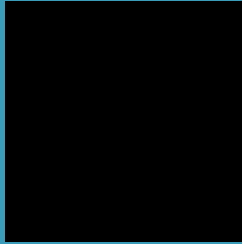
Any Text WCAG AA ✓ Pass

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 3B9CBA Background



This preview shows how black text looks on a background with the Hex color 3B9CBA.

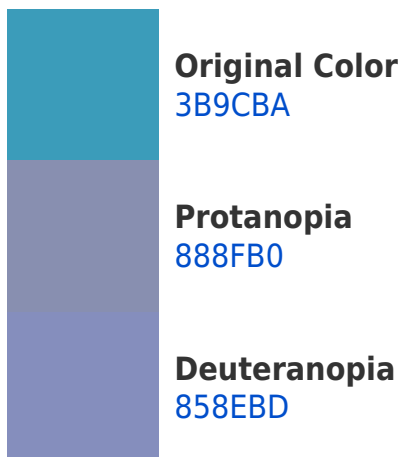


This preview shows how white text looks on a background with the Hex color 3B9CBA.

Color Blindness Simulation

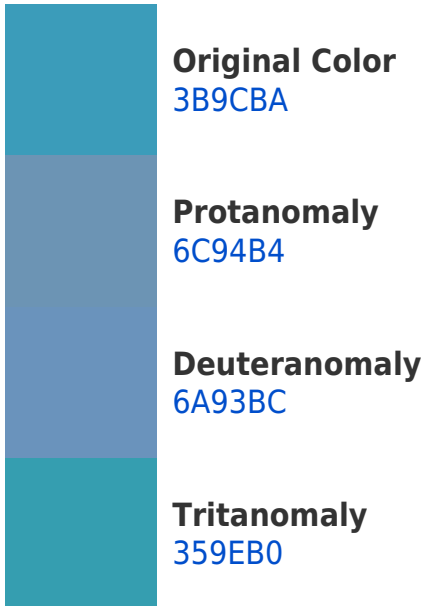
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B9CBA 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 #3B9CBA looks like.

```
.text, #text, p{  
    color:#3B9CBA  
}
```

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 #3B9CBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B9CBA
}
```

Border

The CSS property to change the border of an element to Hex 3B9CBA 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
#3B9CBA }
```

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

```
.border{ border-color:#3B9CBA }
```

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

Here you see how a box with a 4 pixel #3B9CBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B9CBA; -webkit-box-shadow:4px 4px  
4px 4px #3B9CBA; box-shadow:4px 4px 4px  
4px #3B9CBA }
```

Background

The CSS property to change the background color of an element to Hex 3B9CBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B9CBA }
```

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

```
.background{ background-color:#3B9CBA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor