

# Converting Colors

Hex(3491B0)

Have a look what the booklet for  
Hex(3491B0) contains.

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**Color**

**Hex(3491B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3491B0
RGB	52, 145, 176
RGB Percent	20%, 57%, 69%
CMY	0.7961, 0.4314, 0.3098
CMYK	0.70, 0.18, 0.00, 0.31
HSL	195°, 54%, 45%
HSV	195°, 70%, 69%
XYZ	19.3780, 24.1155, 44.7077
YIQ	120.7270, -65.3790, -10.0750

# Conversions

## Conversions Part 2

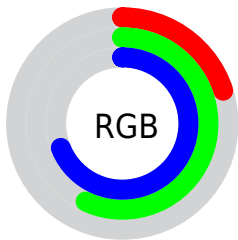
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 105, 176
Decimal	3445168
CIE <sub>Lab</sub>	56.20, -16.94, -24.16
CIE <sub>LCh</sub>	56, 29.511, 234.966
Yxy	24.1155, 0.2197, 0.2734
Android (android.graphics.Color)	4281635248 (0xFF3491B0)
YUV	120.7270, 27.2496, -60.2736
Hunter-Lab	49.1075, -15.5012, -19.6027

# Details

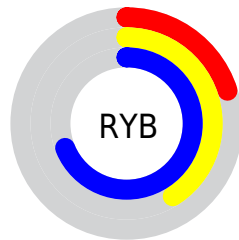
The Hex color **3491B0** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B05334**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **72C7E8**, and **005E7B** is the 20% darker color. If you saturate the color by 10%, you get **228DB0**, and if you desaturate by 10%, it is **4695B0**.

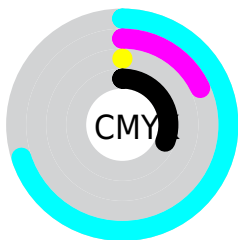
# Distribution



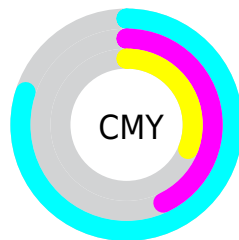
- Red (20%)
- Green (57%)
- Blue (69%)



- Red (20%)
- Yellow (41%)
- Blue (69%)



- Cyan (70%)
- Magenta (18%)
- Yellow (0%)
- Black (31%)



- Cyan (80%)
- Magenta (43%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3491B0 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 3491B0 by changing the saturation by 10% instead.



 3491B0

 3491B0

FFFFFF

 007795

 72C7E8

 005E7B

 8FE3FF

 004762

 ACFFFF

 00304A

 CAFFFF

 001C34

 E7FFFF

 00021E

 000001

 000000

 3491B0

 3491B0

■ 228DB0

■ 4695B0

■ 1188B0

■ 579AB0

■ 0084B0

■ 699EB0

■ 7AA3B0

■ 8CA7B0

■ 9EABB0

■ AFB0B0

■ C1B4B0

■ D2B9B0

# Harmonies

## Analogous

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



29949B



3491B0



5C8BB9

# Triad

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



3491B0



B5738C



828C57

# Complementary

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



3491B0



B05334

# 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.



9C8454



3491B0



B97472

# Square

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



3491B0



A379A5



B07B5E



649168

# Rectangle

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



3491B0



7785B8



B07B5E



8B8955



# Sweetspot

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



3491B0



B5D9E6



34B053



566C73



F2F2F2



737373



# Same Dimension

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



3491B0



22B5E6



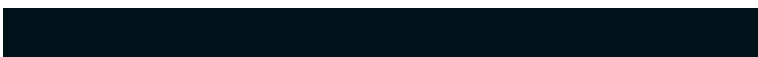
3453B0



505759



007399



00131A



# Inverse Universe

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



B03491



E622B5



B09134



595057



990073



1A0013



# Previews

## White Background



This preview shows how the Hex color 3491B0 looks on a white background.

## Color Contrast Check

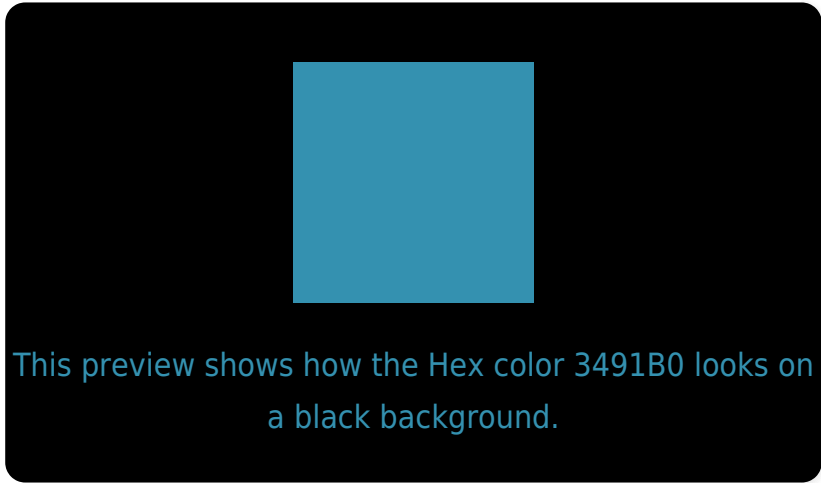
Large Text (above 18pt) WCAG AA ✓ Pass

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

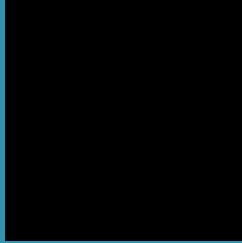
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3491B0 Background



This preview shows how black text looks on a background with the Hex color 3491B0.

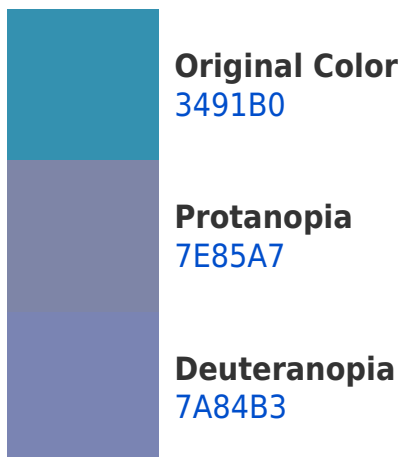


This preview shows how white text looks on a background with the Hex color 3491B0.

# 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](#).

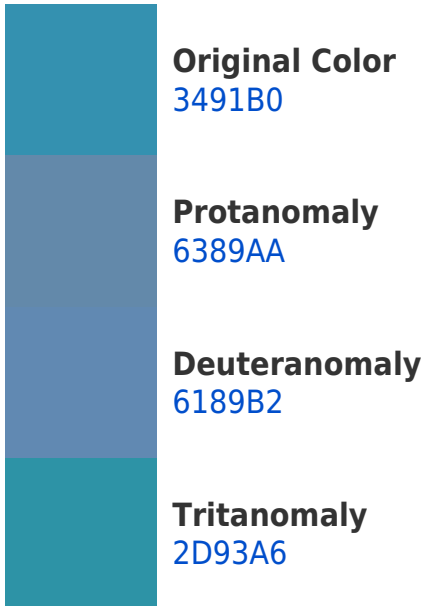
## Dichromacy



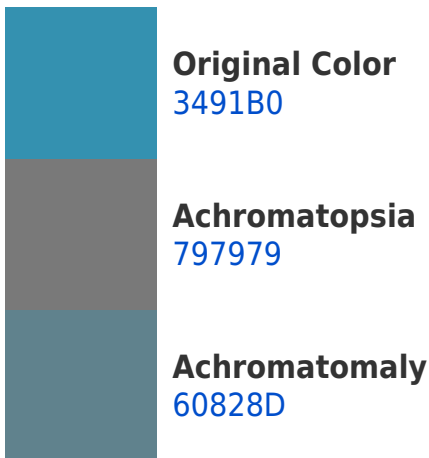


**Tritanopia**  
2994A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3491B0 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 #3491B0 looks like.

```
.text, #text, p{  
    color:#3491B0  
}
```

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 #3491B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3491B0
}
```

## Border

The CSS property to change the border of an element to Hex 3491B0 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
#3491B0 }
```

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

```
.border{ border-color:#3491B0 }
```

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

Here you see how a box with a 4 pixel #3491B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3491B0; -webkit-box-shadow:4px 4px  
4px 4px #3491B0; box-shadow:4px 4px 4px  
4px #3491B0 }
```

# Background

The CSS property to change the background color of an element to Hex 3491B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3491B0 }
```

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

```
.background{ background-color:#3491B0 }
```

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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