

# Converting Colors

Hex(3492B7)

Have a look what the booklet for  
Hex(3492B7) contains.

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**Color**

**Hex(3492B7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3492B7
RGB	52, 146, 183
RGB Percent	20%, 57%, 72%
CMY	0.7961, 0.4275, 0.2824
CMYK	0.72, 0.20, 0.00, 0.28
HSL	197°, 56%, 46%
HSV	197°, 72%, 72%
XYZ	20.2423, 24.7067, 48.5017
YIQ	122.1120, -67.9010, -8.4210

# Conversions

## Conversions Part 2

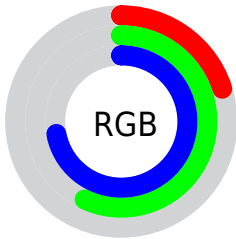
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 107, 183
Decimal	3445431
CIELab	56.79, -15.15, -27.25
CIELCh	57, 31.176, 240.920
Yxy	24.7067, 0.2166, 0.2644
Android (android.graphics.Color)	4281635511 (0xFF3492B7)
YUV	122.1120, 30.0178, -61.4882
Hunter-Lab	49.7059, -14.2926, -23.0596

# Details

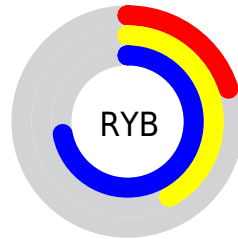
The Hex color **3492B7** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B75934**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **73C8EF**, and **005F82** is the 20% darker color. If you saturate the color by 10%, you get **228DB7**, and if you desaturate by 10%, it is **4697B7**.

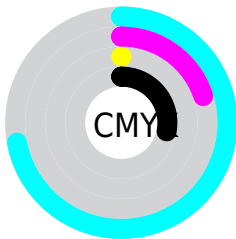
# Distribution



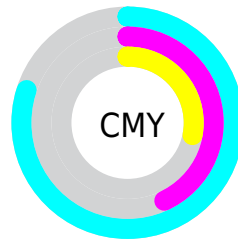
- Red (20%)
- Green (57%)
- Blue (72%)



- Red (20%)
- Yellow (42%)
- Blue (72%)



- Cyan (72%)
- Magenta (20%)
- Yellow (0%)
- Black (28%)



- Cyan (80%)
- Magenta (43%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3492B7 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 3492B7 by changing the saturation by 10% instead.



 3492B7

 3492B7

FFFFFF

 00789C

 73C8EF

 005F82

 90E4FF

 004869

 AEFFFF

 003150

 CBFFFF

 001D39

 E9FFFF

 000224

 00000B

 000000

 3492B7

 3492B7

■ 228DB7

■ 4697B7

■ 0F88B7

■ 599CB7

■ 0083B7

■ 6BA2B7

■ 7DA7B7

■ 90ACB7

■ A2B1B7

■ B4B6B7

■ C6BBB7

■ D9C1B7

# Harmonies

## Analogous

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



1A96A3



3492B7



638BBE

# Triad

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



3492B7



BB7388



7D8F59

# Complementary

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



3492B7



B75934

# 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.



998752



3492B7



BC766E

# Square

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



3492B7



AB78A3



B07D5A



5D946D

# Rectangle

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



3492B7



8084BB



B07D5A



878D55



# Sweetspot

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



3492B7



BBD FED



34B757



5A6F78



F7F7F7



787878



# Same Dimension

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



3492B7



21B4ED



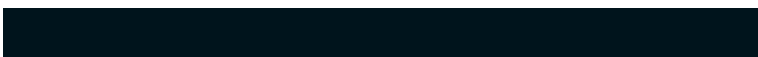
3453B7



53595C



00709C



00141C



# Inverse Universe

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



B73492



ED21B4



B79834



5C5359



9C0070



1C0014



# Previews

## White Background



This preview shows how the Hex color 3492B7 looks on a white background.

## Color Contrast Check

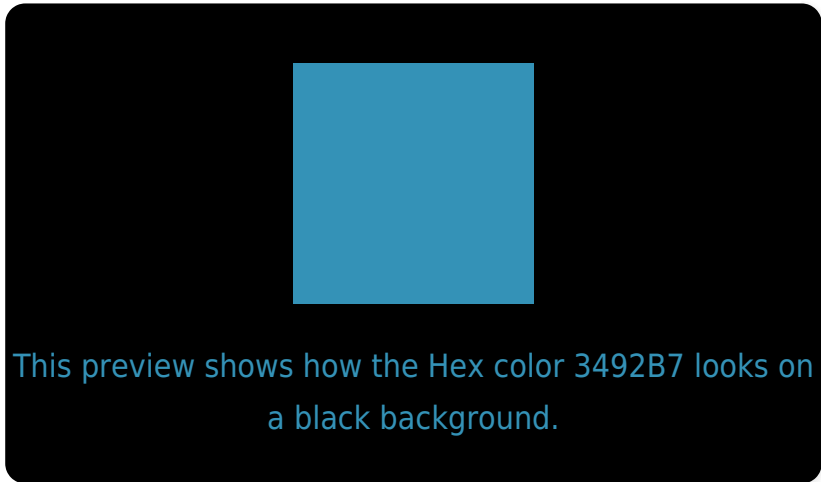
Large Text (above 18pt) WCAG AA ✓ Pass

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

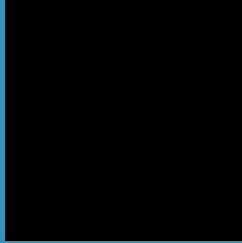
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3492B7 Background



This preview shows how black text looks on a background with the Hex color 3492B7.

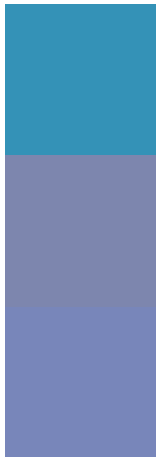


This preview shows how white text looks on a background with the Hex color 3492B7.

# 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



**Original Color**  
3492B7

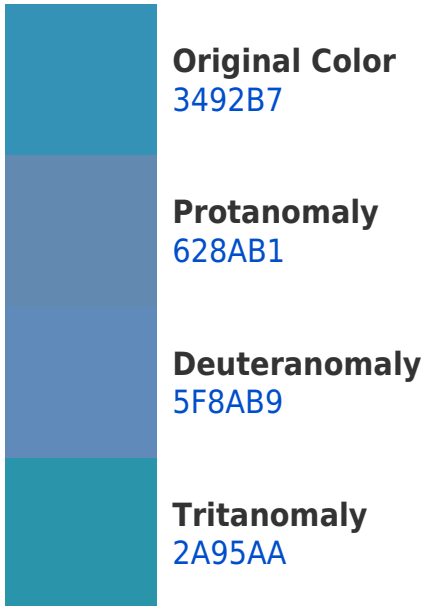
**Protanopia**  
7D86AE

**Deuteranopia**  
7886BA

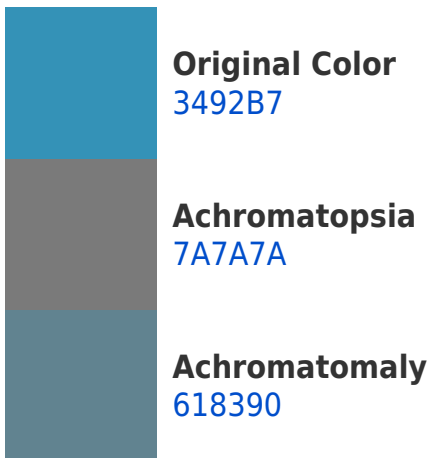


**Tritanopia**  
2496A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3492B7 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 #3492B7 looks like.

```
.text, #text, p{  
    color:#3492B7  
}
```

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 #3492B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3492B7
}
```

## Border

The CSS property to change the border of an element to Hex 3492B7 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
#3492B7 }
```

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

```
.border{ border-color:#3492B7 }
```

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

Here you see how a box with a 4 pixel #3492B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3492B7; -webkit-box-shadow:4px 4px  
4px 4px #3492B7; box-shadow:4px 4px 4px  
4px #3492B7 }
```

# Background

The CSS property to change the background color of an element to Hex 3492B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3492B7 }
```

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

```
.background{ background-color:#3492B7 }
```

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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