

# Converting Colors

Hex(3892C9)

Have a look what the booklet for  
Hex(3892C9) contains.

<b>Hex(3892C9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(3892C9)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3892C9
RGB	56, 146, 201
RGB Percent	22%, 57%, 79%
CMY	0.7804, 0.4275, 0.2118
CMYK	0.72, 0.27, 0.00, 0.21
HSL	203°, 57%, 50%
HSV	203°, 72%, 79%
XYZ	22.4524, 25.6156, 59.0193
YIQ	125.3600, -71.2950, -1.9750

# Conversions

## Conversions Part 2

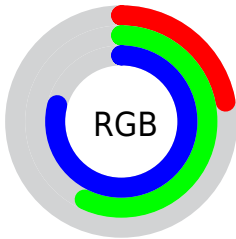
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 112, 201
Decimal	3707593
CIE <sub>Lab</sub>	57.67, -8.46, -36.05
CIE <sub>LCh</sub>	58, 37.032, 256.795
Yxy	25.6156, 0.2097, 0.2392
Android (android.graphics.Color)	4281897673 (0xFF3892C9)
YUV	125.3600, 37.2905, -60.8287
Hunter-Lab	50.6118, -9.3846, -33.7108

# Details

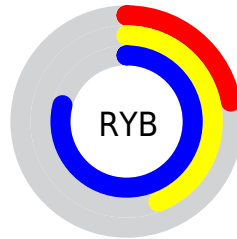
The Hex color **3892C9** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **C96F38**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **78C8FF**, and **006093** is the 20% darker color. If you saturate the color by 10%, you get **248AC9**, and if you desaturate by 10%, it is **4C9AC9**.

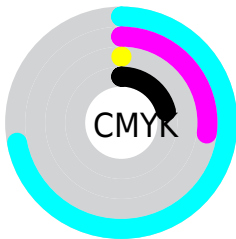
# Distribution



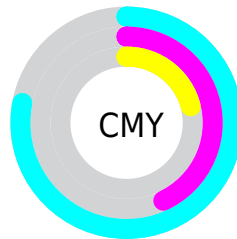
- Red (22%)
- Green (57%)
- Blue (79%)



- Red (22%)
- Yellow (44%)
- Blue (79%)



- Cyan (72%)
- Magenta (27%)
- Yellow (0%)
- Black (21%)



- Cyan (78%)
- Magenta (43%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3892C9 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 3892C9 by changing the saturation by 10% instead.



■ 3892C9

■ 3892C9

FFFFFF

■ 0078AD

■ 78C8FF

■ 006093

■ 96E4FF

■ 004879

■ B4FFFF

■ 003260

■ D2FFFF

■ 001E48

■ F0FFFF

■ 000431

■ 00011B

■ 000000

■ 3892C9

■ 3892C9

■ 248AC9

■ 4C9AC9

■ 1083C9

■ 60A1C9

■ 007DC9

■ 74A9C9

■ 88B0C9

■ 9DB8C9

■ B1C0C9

■ C5C7C9

■ D9CFC9

■ EDD7C9

# Harmonies

## Analogous

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



0099B9



3892C9



7887C8

# Triad

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



3892C9



C97179



68965D

# Complementary

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



3892C9



C96F38

# 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.



8D8E4B



3892C9



C1785D

# Square

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



3892C9



C0729A



AB844B



3A9B7B

# Rectangle

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



3892C9



977FBE



AB844B



759455

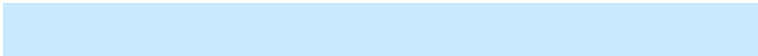


# Sweetspot

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



3892C9



C7EAFF



38C96D



5E7380



000000



808080



# Same Dimension

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



3892C9



21ABFF



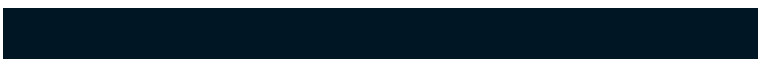
384BC9



5A6063



0065A3



001624



# Inverse Universe

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



C93892



FF21AB



C9B638



635A60



A30065



240016



# Previews

## White Background



This preview shows how the Hex color 3892C9 looks on a white background.

## Color Contrast Check

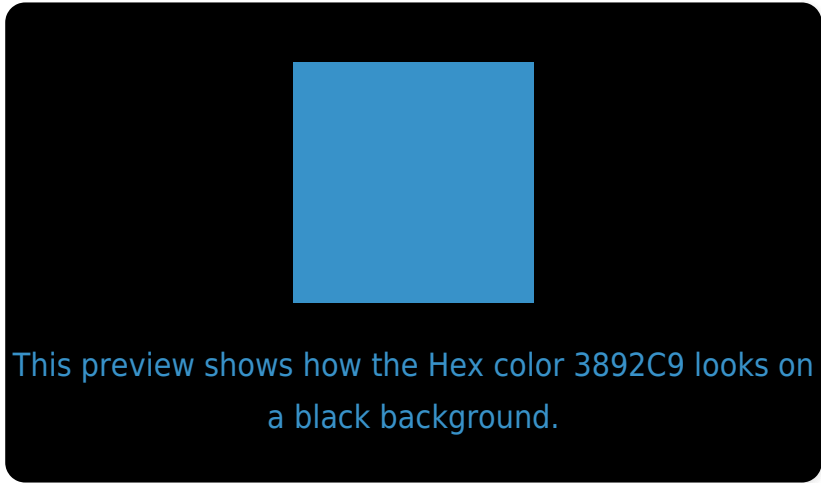
Large Text (above 18pt) WCAG AA ✓ Pass

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

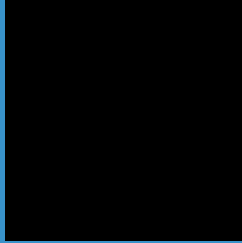
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

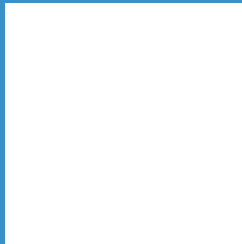
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3892C9 Background



This preview shows how black text looks on a background with the Hex color 3892C9.



This preview shows how white text looks on a background with the Hex color 3892C9.

# 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](#).

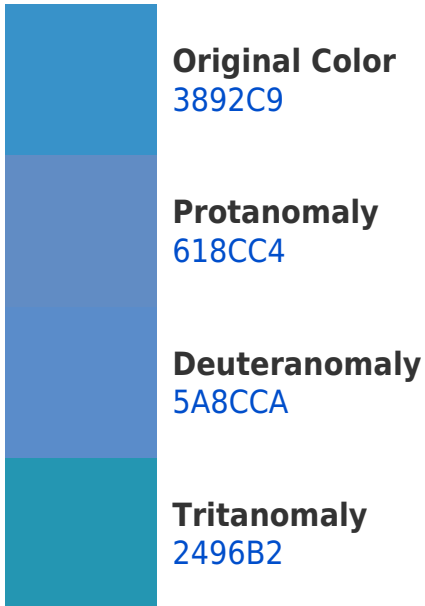
## Dichromacy



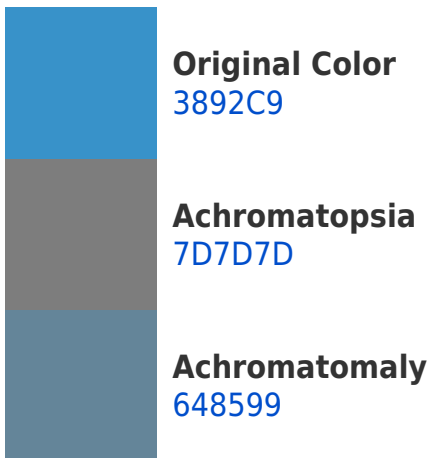


**Tritanopia**  
1899A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3892C9 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 #3892C9 looks like.

```
.text, #text, p{  
    color:#3892C9  
}
```

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 #3892C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3892C9
}
```

## Border

The CSS property to change the border of an element to Hex 3892C9 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
#3892C9 }
```

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

```
.border{ border-color:#3892C9 }
```

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

Here you see how a box with a 4 pixel #3892C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3892C9; -webkit-box-shadow:4px 4px  
4px 4px #3892C9; box-shadow:4px 4px 4px  
4px #3892C9 }
```

# Background

The CSS property to change the background color of an element to Hex 3892C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3892C9 }
```

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

```
.background{ background-color:#3892C9 }
```

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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