

# Converting Colors

Hex(3698C5)

Have a look what the booklet for  
Hex(3698C5) contains.

<b>Hex(3698C5)</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(3698C5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3698C5
RGB	54, 152, 197
RGB Percent	21%, 60%, 77%
CMY	0.7882, 0.4039, 0.2275
CMYK	0.73, 0.23, 0.00, 0.23
HSL	199°, 57%, 49%
HSV	199°, 73%, 77%
XYZ	22.8276, 27.2720, 56.8842
YIQ	127.8280, -72.8530, -6.7810

# Conversions

## Conversions Part 2

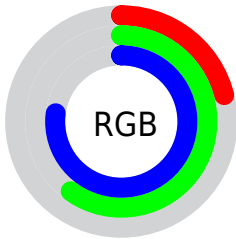
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 112, 197
Decimal	3578053
CIELab	59.23, -13.45, -31.38
CIElCh	59, 34.142, 246.801
Yxy	27.2720, 0.2134, 0.2549
Android (android.graphics.Color)	4281768133 (0xFF3698C5)
YUV	127.8280, 34.1018, -64.7472
Hunter-Lab	52.2226, -13.3633, -28.0267

# Details

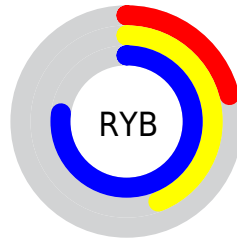
The Hex color **3698C5** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **C56336**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **77CEFE**, and **00658F** is the 20% darker color. If you saturate the color by 10%, you get **2292C5**, and if you desaturate by 10%, it is **4A9EC5**.

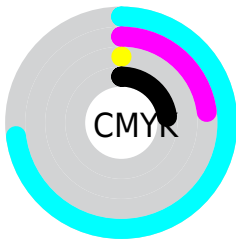
# Distribution



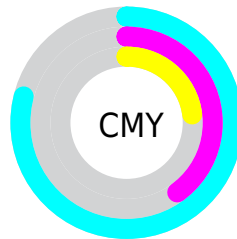
- Red (21%)
- Green (60%)
- Blue (77%)



- Red (21%)
- Yellow (44%)
- Blue (77%)



- Cyan (73%)
- Magenta (23%)
- Yellow (0%)
- Black (23%)



- Cyan (79%)
- Magenta (40%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3698C5 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 3698C5 by changing the saturation by 10% instead.



 3698C5

 3698C5

FFFFFF

 007EAA

 77CEFE

 00658F

 95EAFB

 004D75

 B2FFFF

 00365C

 D0FFFF

 002144

 EEEFFF

 00042E

 000119

 000000

 3698C5

 3698C5

■ 2292C5

■ 4A9EC5

■ 0F8CC5

■ 5DA4C5

■ 0087C5

■ 71ABC5

■ 85B1C5

■ 99B7C5

■ ACBDC5

■ C0C3C5

■ D4CAC5

■ E7D0C5

# Harmonies

## Analogous

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



009DB2



3698C5



6E8FCA

# Triad

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



3698C5



C87789



7B975D

# Complementary

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



3698C5



C56336

# 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.



9B8F52



3698C5



C67B6C

# Square

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



3698C5



BA7BA7



B68558



569D76

# Rectangle

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



3698C5



8D88C4



B68558



879558

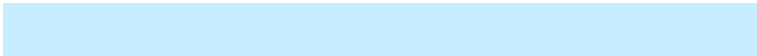


# Sweetspot

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



3698C5



C7EDFF



36C561



5E7580



000000



808080



# Same Dimension

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



3698C5



21B9FF



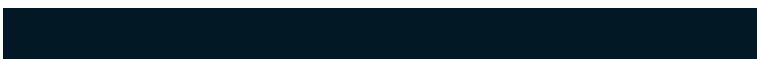
3653C5



5A6063



0070A3



001824



# Inverse Universe

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



C53698



FF21B9



C5A836



635A60



A30070



240018



# Previews

## White Background



This preview shows how the Hex color 3698C5 looks on a white background.

## Color Contrast Check

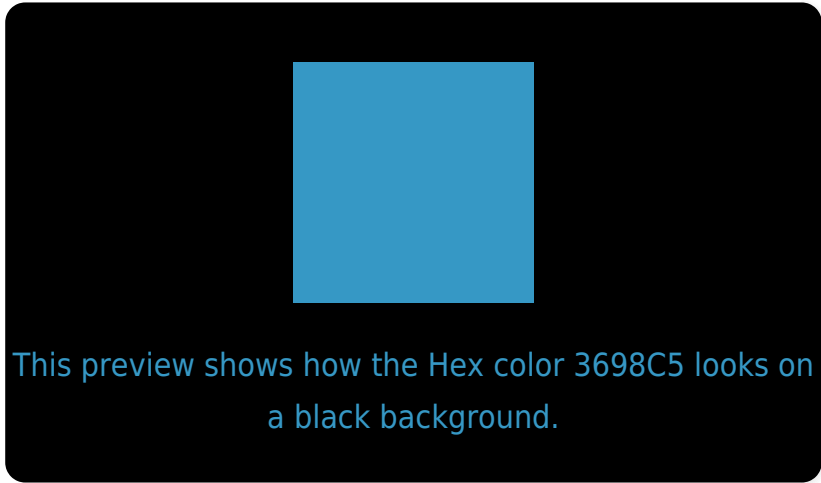
Large Text (above 18pt) WCAG AA ✓ Pass

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

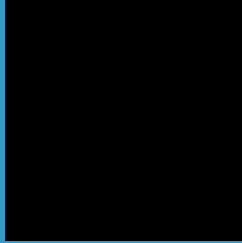
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3698C5 Background



This preview shows how black text looks on a background with the Hex color 3698C5.

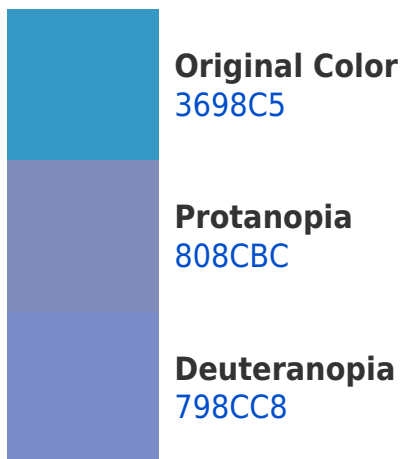


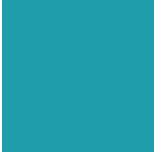
This preview shows how white text looks on a background with the Hex color 3698C5.

# 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](#).

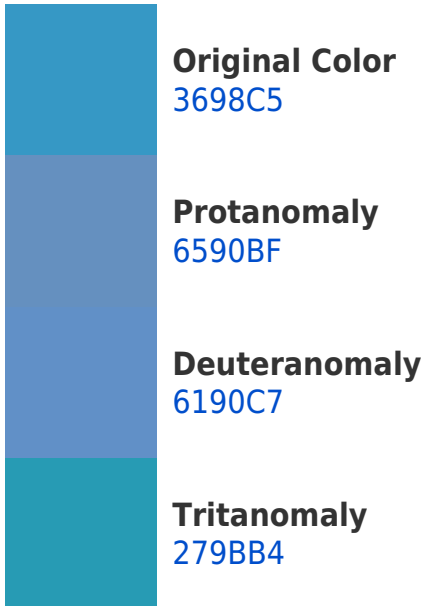
## Dichromacy



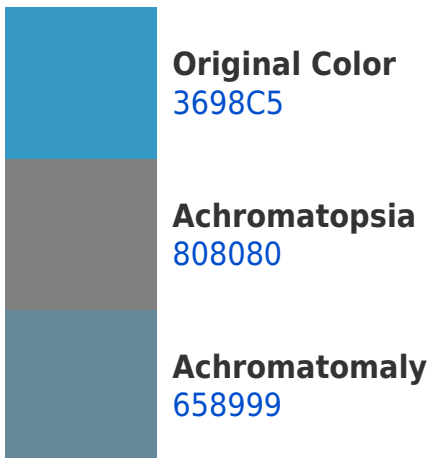


**Tritanopia**  
1F9DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3698C5 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 #3698C5 looks like.

```
.text, #text, p{  
    color:#3698C5  
}
```

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 #3698C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3698C5
}
```

## Border

The CSS property to change the border of an element to Hex 3698C5 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
#3698C5 }
```

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

```
.border{ border-color:#3698C5 }
```

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

Here you see how a box with a 4 pixel #3698C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3698C5; -webkit-box-shadow:4px 4px  
4px 4px #3698C5; box-shadow:4px 4px 4px  
4px #3698C5 }
```

# Background

The CSS property to change the background color of an element to Hex 3698C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3698C5 }
```

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

```
.background{ background-color:#3698C5 }
```

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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