

# Converting Colors

Hex(397CA1)

Have a look what the booklet for  
Hex(397CA1) contains.

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# Color

**Hex(397CA1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	397CA1
RGB	57, 124, 161
RGB Percent	22%, 49%, 63%
CMY	0.7765, 0.5137, 0.3686
CMYK	0.65, 0.23, 0.00, 0.37
HSL	201°, 48%, 43%
HSV	201°, 65%, 63%
XYZ	15.3280, 17.8584, 36.3574
YIQ	108.1850, -51.8090, -2.6970

# Conversions

## Conversions Part 2

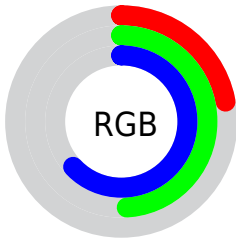
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 98, 161
Decimal	3767457
CIELab	49.32, -9.41, -26.13
CIELCh	49, 27.769, 250.188
Yxy	17.8584, 0.2204, 0.2568
Android (android.graphics.Color)	4281957537 (0xFF397CA1)
YUV	108.1850, 26.0378, -44.8892
Hunter-Lab	42.2592, -9.2090, -21.4283




# Details

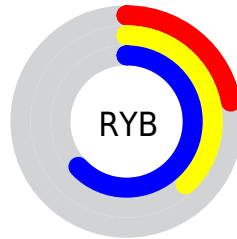
The Hex color **397CA1** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A15E39**, and the grayscale version is **6C6C6C**.




A 20% lighter version of the original color is **72B0D8**, and **004B6D** is the 20% darker color. If you saturate the color by 10%, you get **2976A1**, and if you desaturate by 10%, it is **4982A1**.

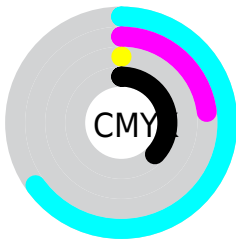
# Distribution







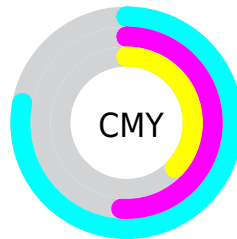
-  Red (22%)
-  Green (49%)
-  Blue (63%)






-  Red (22%)
-  Yellow (38%)
-  Blue (63%)



-  Cyan (65%)
-  Magenta (23%)
-  Yellow (0%)
-  Black (37%)



-  Cyan (78%)
-  Magenta (51%)
-  Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 397CA1 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 397CA1 by changing the saturation by 10% instead.



■ 397CA1

■ 397CA1

FFFFFF

■ 156387

■ 72B0D8

■ 004B6D

■ 8ECCF4

■ 003555

■ ABE8FF

■ 00203D

■ C8FFFF

■ 000328

■ E5FFFF

■ 000111

■ 000000

■ 397CA1

■ 397CA1

■ 2976A1

■ 4982A1

■ 1971A1

■ 5987A1

■ 096BA1

■ 698DA1

■ 0068A1

■ 7993A1

■ 8999A1

■ 9A9EA1

■ AAA4A1

■ BAAAA1

■ CAB0A1

# Harmonies

## Analogous

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



188093



397CA1



6175A3

# Triad

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



397CA1



A3636E



637D50

# Complementary

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



397CA1



A15E39

# 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.



7D7646



397CA1



A06758

# Square

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



397CA1



996586



926E49



468165

# Rectangle

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



397CA1



786F9E



926E49



6C7B4C



# Sweetspot

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



397CA1



A9C3D1



39A15D



516069



E8E8E8



696969



# Same Dimension

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



397CA1



2E97D1



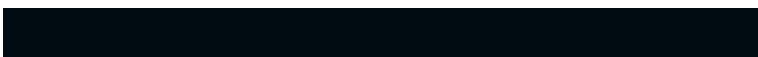
3949A1



494F52



005E91



000B12



# Inverse Universe

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



A1397C



D12E97



A19139



52494F



91005E



12000B



# Previews

## White Background



This preview shows how the Hex color 397CA1 looks on a white background.

### Color Contrast Check

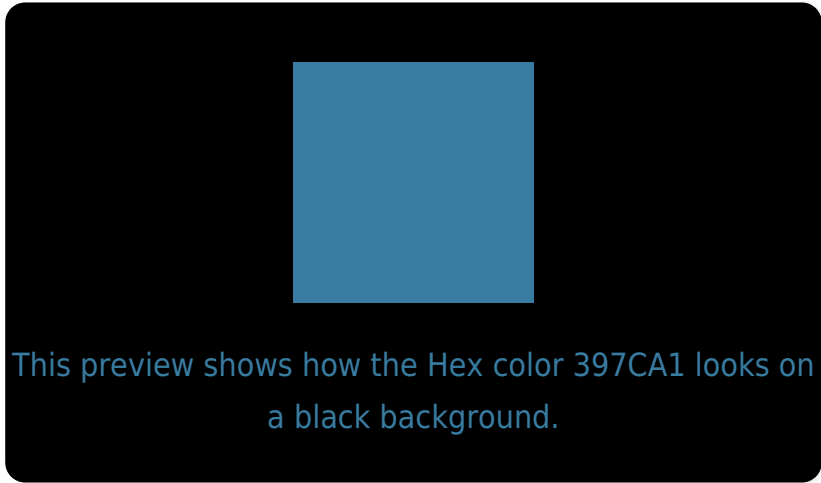
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

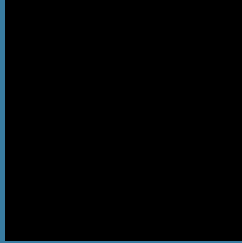
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

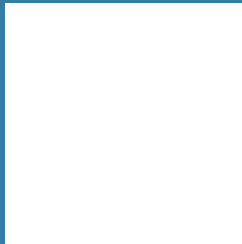
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 397CA1 Background



This preview shows how black text looks on a background with the Hex color 397CA1.

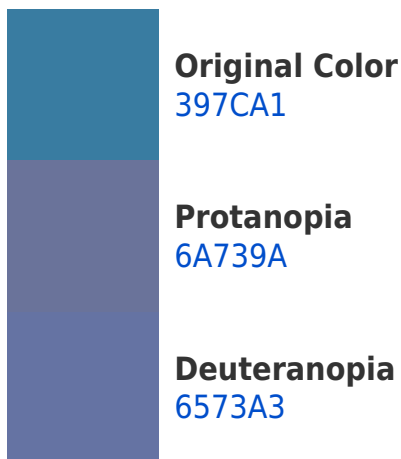



This preview shows how white text looks on a background with the Hex color 397CA1.

# 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](#).

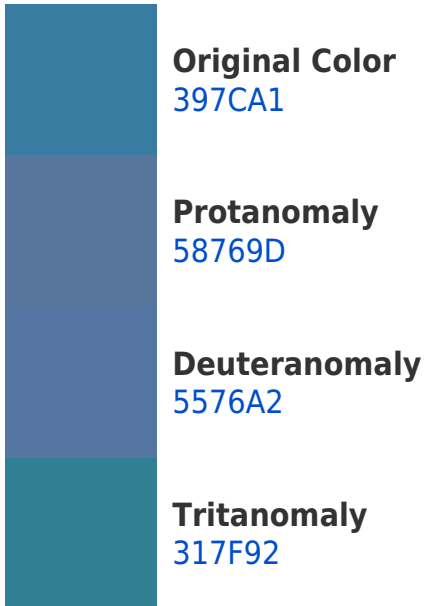
## Dichromacy



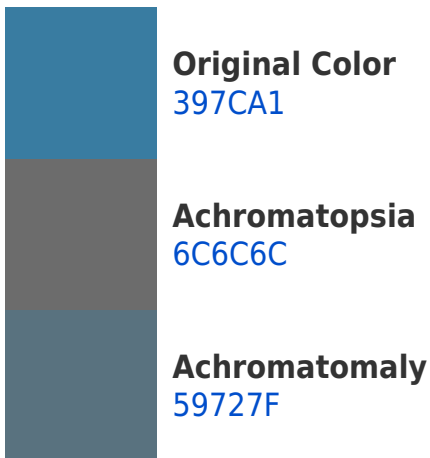


**Tritanopia**  
2D808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 397CA1 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 #397CA1 looks like.

```
.text, #text, p{  
    color:#397CA1  
}
```

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 #397CA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #397CA1
}
```

## Border

The CSS property to change the border of an element to Hex 397CA1 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
#397CA1 }
```

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

```
.border{ border-color:#397CA1 }
```

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

Here you see how a box with a 4 pixel #397CA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #397CA1; -webkit-box-shadow:4px 4px  
4px 4px #397CA1; box-shadow:4px 4px 4px  
4px #397CA1 }
```

# Background

The CSS property to change the background color of an element to Hex 397CA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#397CA1 }
```

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

```
.background{ background-color:#397CA1 }
```

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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