

# Converting Colors

Hex(379AB7)

Have a look what the booklet for  
Hex(379AB7) contains.

<b>Hex(379AB7)</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(379AB7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	379AB7
RGB	55, 154, 183
RGB Percent	22%, 60%, 72%
CMY	0.7843, 0.3961, 0.2824
CMYK	0.70, 0.16, 0.00, 0.28
HSL	194°, 54%, 47%
HSV	194°, 70%, 72%
XYZ	21.6784, 27.3423, 48.9348
YIQ	127.7050, -68.3130, -11.9690

# Conversions

## Conversions Part 2

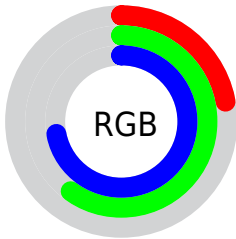
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 111, 183
Decimal	3644087
CIELab	59.29, -19.03, -23.39
CIELCh	59, 30.153, 230.859
Yxy	27.3423, 0.2213, 0.2791
Android (android.graphics.Color)	4281834167 (0xFF379AB7)
YUV	127.7050, 27.2604, -63.7623
Hunter-Lab	52.2899, -17.5046, -18.8828

# Details

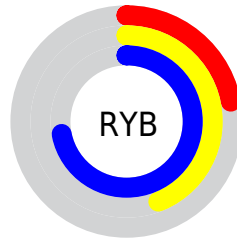
The Hex color **379AB7** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B75437**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **76D1EF**, and **006782** is the 20% darker color. If you saturate the color by 10%, you get **2596B7**, and if you desaturate by 10%, it is **499EB7**.

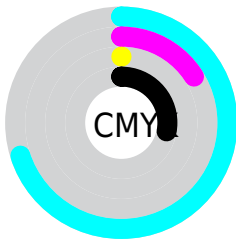
# Distribution



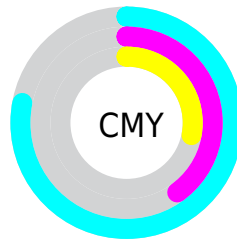
- Red (22%)
- Green (60%)
- Blue (72%)



- Red (22%)
- Yellow (44%)
- Blue (72%)



- Cyan (70%)
- Magenta (16%)
- Yellow (0%)
- Black (28%)



- Cyan (78%)
- Magenta (40%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 379AB7 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 379AB7 by changing the saturation by 10% instead.



 379AB7

 379AB7

FFFFFF

 02809C

 76D1EF

 006782

 93EDFF

 004F69

 B0FFFF

 003750

 CEFFFF

 002239

 ECFFFF

 000224

 00000C

 000000

 379AB7

 379AB7

■ 2596B7

■ 499EB7

■ 1292B7

■ 5CA2B7

■ 008EB7

■ 6EA6B7

■ 80ABB7

■ 93AFB7

■ A5B3B7

■ B7B7B7

■ C9BBB7

■ DCBFB7

# Harmonies

## Analogous

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



339DA1



379AB7



5D94C3

# Triad

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



379AB7



BD7B98



8E935D

# Complementary

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



379AB7



B75437

# 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.



A88A5A



379AB7



C37B7D

# Square

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



379AB7



A881B0



BB8167



6F996C

# Rectangle

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



379AB7



798EC2



BB8167



97905A



# Sweetspot

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



379AB7



BBE2ED



37B753



5A7178



F7F7F7



787878



# Same Dimension

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



379AB7



26C0ED



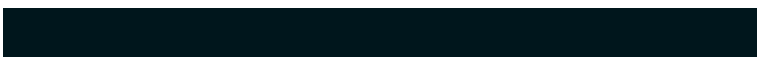
375BB7



535A5C



00789C



00161C



# Inverse Universe

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



B7379A



ED26C0



B79337



5C535A



9C0078



1C0016



# Previews

## White Background



This preview shows how the Hex color 379AB7 looks on a white background.

## Color Contrast Check

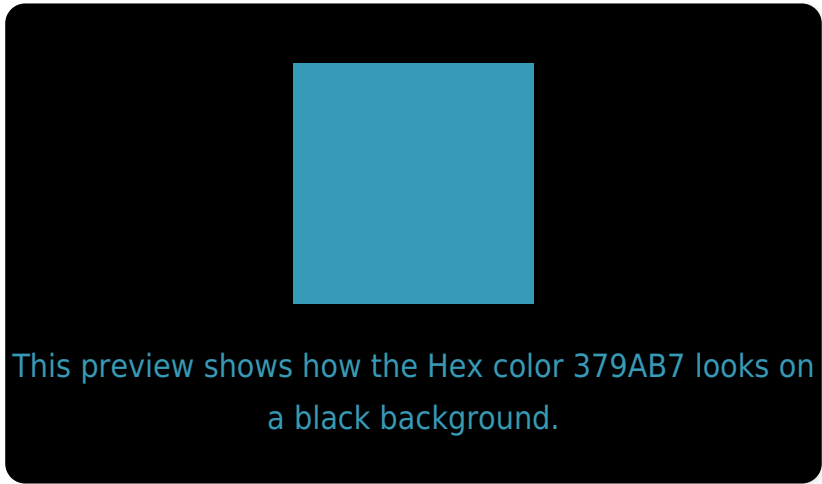
Large Text (above 18pt) WCAG AA ✓ Pass

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

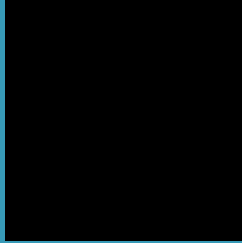
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 379AB7 Background



This preview shows how black text looks on a background with the Hex color 379AB7.

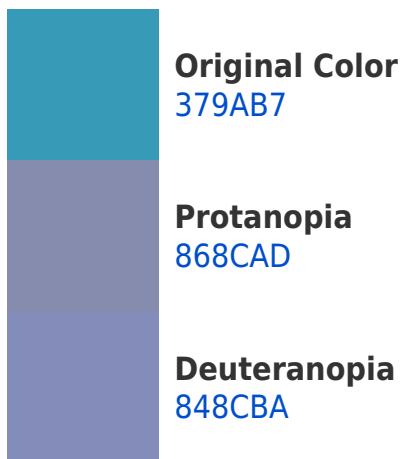


This preview shows how white text looks on a background with the Hex color 379AB7.

# 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](#).

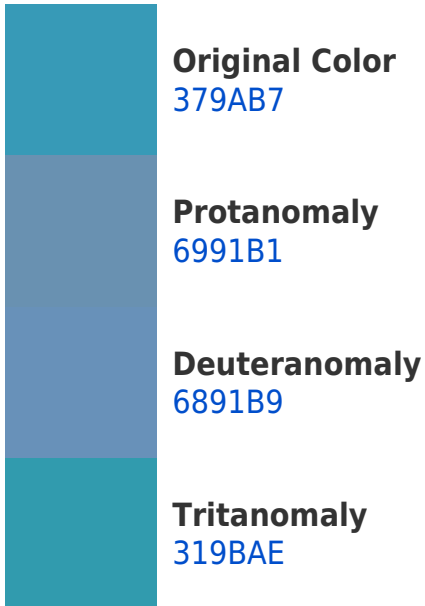
## Dichromacy





**Tritanopia**  
2E9CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 379AB7 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 #379AB7 looks like.

```
.text, #text, p{  
    color:#379AB7  
}
```

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 #379AB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #379AB7
}
```

## Border

The CSS property to change the border of an element to Hex 379AB7 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
#379AB7 }
```

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

```
.border{ border-color:#379AB7 }
```

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

Here you see how a box with a 4 pixel #379AB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #379AB7; -webkit-box-shadow:4px 4px  
4px 4px #379AB7; box-shadow:4px 4px 4px  
4px #379AB7 }
```

# Background

The CSS property to change the background color of an element to Hex 379AB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#379AB7 }
```

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

```
.background{ background-color:#379AB7 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor