

# Converting Colors

Hex(6CA399)

Have a look what the booklet for  
Hex(6CA399) contains.

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**Color**

**Hex(6CA399)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CA399
RGB	108, 163, 153
RGB Percent	42%, 64%, 60%
CMY	0.5765, 0.3608, 0.4000
CMYK	0.34, 0.00, 0.06, 0.36
HSL	169°, 23%, 53%
HSV	169°, 34%, 64%
XYZ	25.0313, 31.6824, 34.9330
YIQ	145.4150, -29.5700, -14.7700

# Conversions

## Conversions Part 2

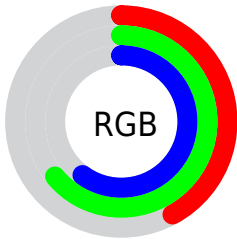
Format	Color
<a href="#">RYB</a>	<a href="#">108, 138, 163</a>
Decimal	<a href="#">7119769</a>
CIELab	<a href="#">63.08, -20.37, -0.57</a>
CIElCh	<a href="#">63, 20.375, 181.610</a>
Yxy	<a href="#">31.6824, 0.2731, 0.3457</a>
Android (android.graphics.Color)	<a href="#">4285309849</a> ( <a href="#">0xFF6CA399</a> )
YUV	<a href="#">145.4150, 3.7394, -32.8130</a>
Hunter-Lab	<a href="#">56.2872, -19.1223, 2.6044</a>

# Details

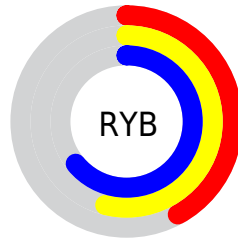
The Hex color **6CA399** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A36C76**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A1DACF**, and **396F66** is the 20% darker color. If you saturate the color by 10%, you get **5CA396**, and if you desaturate by 10%, it is **7CA39C**.

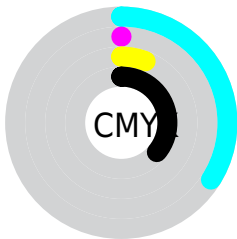
# Distribution



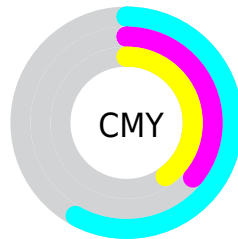
- Red (42%)
- Green (64%)
- Blue (60%)



- Red (42%)
- Yellow (54%)
- Blue (64%)



- Cyan (34%)
- Magenta (0%)
- Yellow (6%)
- Black (36%)



- Cyan (58%)
- Magenta (36%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CA399 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 6CA399 by changing the saturation by 10% instead.





6CA399



6CA399

FFFFFF



52897F



A1DACF



396F66



BDF7EB



1F564E



D9FFFF



003F37



F6FFFF



002922



00130C



000000



6CA399



6CA399



5CA396



7CA39C

■ 4BA393

■ 8DA39F

■ 3BA390

■ 9DA3A2

■ 2BA38D

■ ADA3A5

■ 1BA38A

■ BEA3A8

■ 0AA387

■ CEA3AB

■ 00A385

■ DEA3AE

■ EEA3B1

■ FFA3B4

# Harmonies

## Analogous

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



7DA187



6CA399



66A2AB

# Triad

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



6CA399



9D94B7



B59279

# Complementary

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



6CA399



A36C76

# 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.



BD8D86



6CA399



B18EAA

# Square

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



6CA399



849ABD



BC8C98



A59875

# Rectangle

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



6CA399



6AA0B4



BC8C98



B9907D



# Sweetspot

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



6CA399



BED4D0



76A36C



5E6B69



EBEBEB



6B6B6B



# Same Dimension

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



6CA399



7FD4C4



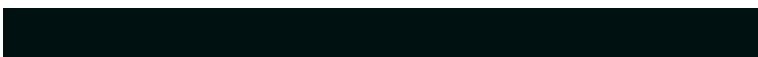
6C92A3



495250



009177



00120F



# Inverse Universe

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



A36C76



D47F8E



A37D6C



52494B



91001A



120003



# Previews

## White Background



This preview shows how the Hex color 6CA399 looks on a white background.

## Color Contrast Check

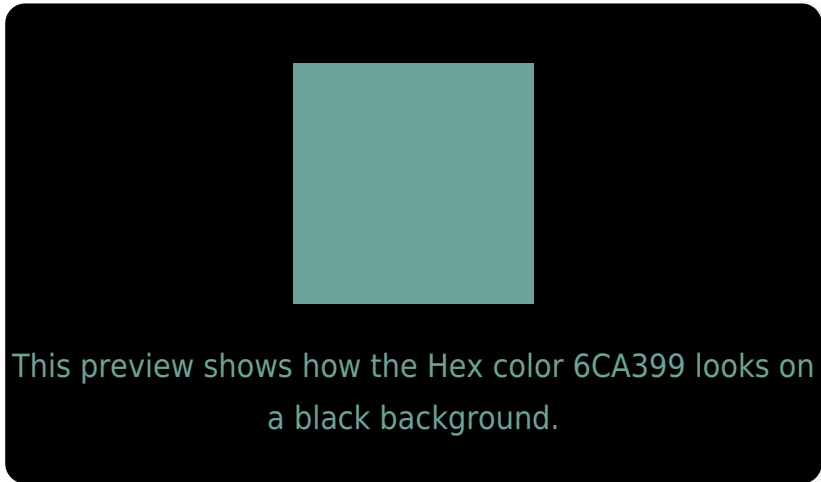
Large Text (above 18pt) WCAG AA × Fail

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

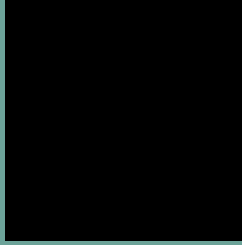
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6CA399 Background



This preview shows how black text looks on a background with the Hex color 6CA399.

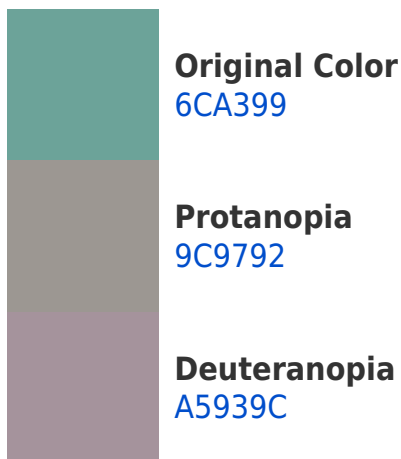


This preview shows how white text looks on a background with the Hex color 6CA399.

# 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

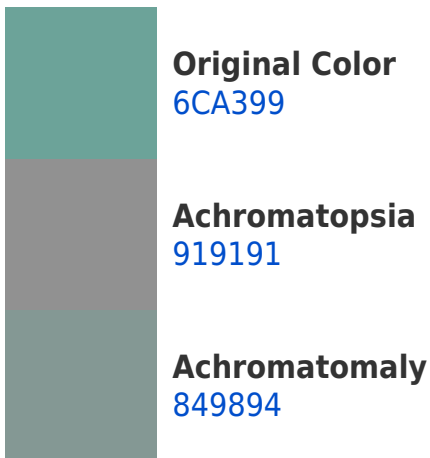




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CA399 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 #6CA399 looks like.

```
.text, #text, p{  
    color:#6CA399  
}
```

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 #6CA399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CA399
}
```

## Border

The CSS property to change the border of an element to Hex 6CA399 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
#6CA399 }
```

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

```
.border{ border-color:#6CA399 }
```

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

Here you see how a box with a 4 pixel #6CA399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CA399; -webkit-box-shadow:4px 4px  
4px 4px #6CA399; box-shadow:4px 4px 4px  
4px #6CA399 }
```

# Background

The CSS property to change the background color of an element to Hex 6CA399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CA399 }
```

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

```
.background{ background-color:#6CA399 }
```

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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