

Converting Colors

Hex(6CB399)

Have a look what the booklet for
Hex(6CB399) contains.

Hex(6CB399)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6CB399)

Conversions

Conversions Part 1

Format	Color
Hex	6CB399
RGB	108, 179, 153
RGB Percent	42%, 70%, 60%
CMY	0.5765, 0.2980, 0.4000
CMYK	0.40, 0.00, 0.15, 0.30
HSL	158°, 32%, 56%
HSV	158°, 40%, 70%
XYZ	28.0542, 37.7283, 35.9407
YIQ	154.8070, -33.9700, -23.1380

Conversions

Conversions Part 2

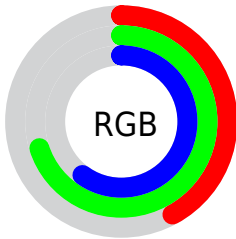
Format	Color
RYB	108, 151, 179
Decimal	7123865
CIELab	67.82, -28.39, 6.30
CIElCh	68, 29.075, 167.493
Yxy	37.7283, 0.2758, 0.3709
Android (android.graphics.Color)	4285313945 (0xFF6CB399)
YUV	154.8070, -0.8909, -41.0497
Hunter-Lab	61.4233, -25.9635, 8.3039

Details

The Hex color **6CB399** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B36C86**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A2EBCF**, and **377E66** is the 20% darker color. If you saturate the color by 10%, you get **5AB392**, and if you desaturate by 10%, it is **7EB3A0**.

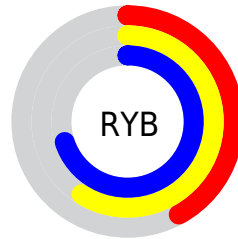
Distribution



Red (42%)

Green (70%)

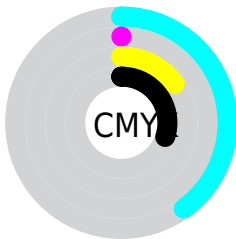
Blue (60%)



Red (42%)

Yellow (59%)

Blue (70%)

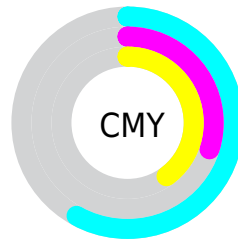


Cyan (40%)

Magenta (0%)

Yellow (15%)

Black (30%)



Cyan (58%)

Magenta (30%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CB399 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 6CB399 by changing the saturation by 10% instead.



6CB399



6CB399

FFFFFF



52987F



A2EBCF



377E66



BEFFEC



1A654E



DBFFFF



004C37



F8FFFF



003522



00210C



000000



6CB399



6CB399



5AB392



7EB3A0

 48B38C

 90B3A6

 36B385

 A2B3AD

 24B37F

 B4B3B3

 12B378

 C5B3BA

 01B372

 D7B3C0

 00B371

 E9B3C7

 FBB3CD

 FFB3D4

Harmonies

Analogous

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



8AAF81



6CB399



55B4B4

Triad

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



6CB399



9AA2D7



D49780

Complementary

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



6CB399



B36C86

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.



DA9297



6CB399



BC99C9

Square

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



6CB399



73ABD8



D293B1



C2A072

Rectangle

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



6CB399



52B2C4



D293B1



D79587

Sweetspot

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



6CB399



CCE8DE



86B36C



65756F



F5F5F5



757575

Same Dimension

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



6CB399



79E8BF



6CAAB3



505956



009961



001A10

Inverse Universe

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



B36C86



E879A1



B3756C



595054



990038



1A0009

Previews

White Background



This preview shows how the Hex color 6CB399 looks on a white background.

Color Contrast Check

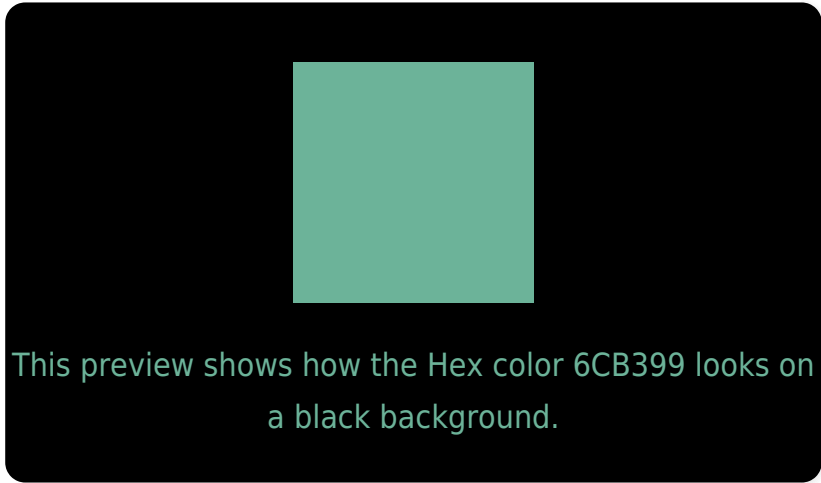
Large Text (above 18pt) WCAG AA × Fail

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

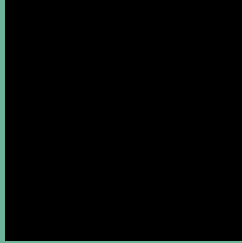
Any Text WCAG AA ✓ Pass

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 6CB399 Background



This preview shows how black text looks on a background with the Hex color 6CB399.

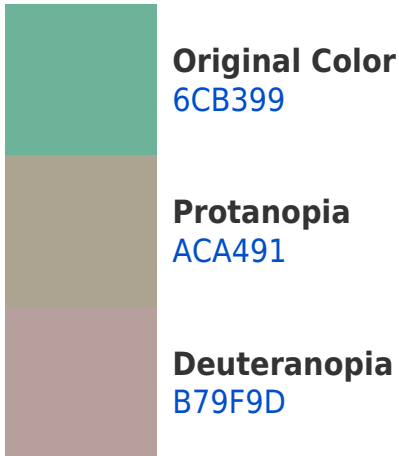


This preview shows how white text looks on a background with the Hex color 6CB399.

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](#).

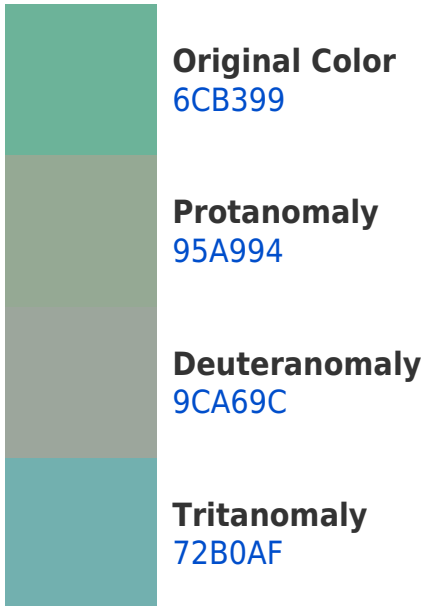
Dichromacy



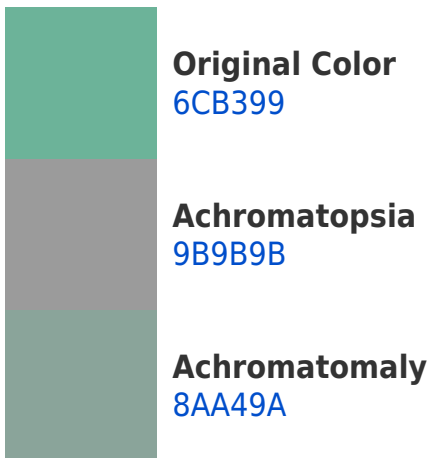


Tritanopia
75AEB3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CB399 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 #6CB399 looks like.

```
.text, #text, p{  
    color:#6CB399  
}
```

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 #6CB399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CB399
}
```

Border

The CSS property to change the border of an element to Hex 6CB399 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
#6CB399 }
```

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

```
.border{ border-color:#6CB399 }
```

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

Here you see how a box with a 4 pixel #6CB399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CB399; -webkit-box-shadow:4px 4px  
4px 4px #6CB399; box-shadow:4px 4px 4px  
4px #6CB399 }
```

Background

The CSS property to change the background color of an element to Hex 6CB399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CB399 }
```

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

```
.background{ background-color:#6CB399 }
```

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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