

# Converting Colors

Hex(C6399D)

Have a look what the booklet for  
Hex(C6399D) contains.

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# Color

**Hex(C6399D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6399D
RGB	198, 57, 157
RGB Percent	78%, 22%, 62%
CMY	0.2235, 0.7765, 0.3843
CMYK	0.00, 0.71, 0.21, 0.22
HSL	317°, 55%, 50%
HSV	317°, 71%, 78%
XYZ	30.8376, 17.3663, 33.6250
YIQ	110.5590, 51.9360, 60.9920

# Conversions

## Conversions Part 2

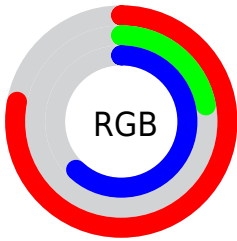
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 57, 157
Decimal	12990877
CIE <sub>Lab</sub>	48.72, 64.61, -23.60
CIE <sub>LCh</sub>	49, 68.789, 339.933
Yxy	17.3663, 0.3769, 0.2122
Android (android.graphics.Color)	4291180957 (0xFFC6399D)
YUV	110.5590, 22.8954, 76.6858
Hunter-Lab	41.6729, 59.1609, -18.6688

# Details

The Hex color **C6399D** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **39C662**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF74D4**, and **8C0069** is the 20% darker color. If you saturate the color by 10%, you get **C62597**, and if you desaturate by 10%, it is **C64DA3**.

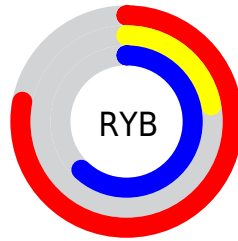
# Distribution



Red (78%)

Green (22%)

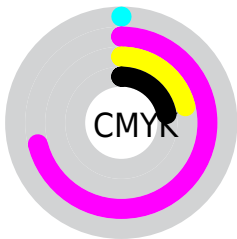
Blue (62%)



Red (78%)

Yellow (22%)

Blue (62%)

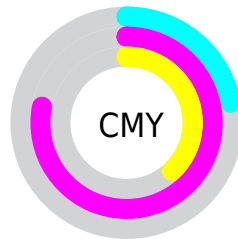


Cyan (0%)

Magenta (71%)

Yellow (21%)

Black (22%)



Cyan (22%)

Magenta (78%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6399D 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 C6399D by changing the saturation by 10% instead.



 C6399D

 C6399D

FFFFFF

 A91383

 FF74D4

 8C0069

 FF90F0

 700051

 FFADFF

 54003A

 FFCAFF

 3B0024

 FFE7FF

 1B000B

 000000

 C6399D

 C6399D

 C62597

 C64DA3

 C61191

 C661A9

 C6008C

 C674AE

 C688B4

 C69CBA

 C6B0C0

 C6C4C5

 C6D7CB

 C6EBD1

# Harmonies

## Analogous

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



8C5ACE



C6399D



D92B63

# Triad

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



C6399D



7B7700



008CBE

# Complementary

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



C6399D



39C662

# 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.



008D86



C6399D



378400

# Square

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



C6399D



AB6200



008B49



0085E2

# Rectangle

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



C6399D



D43A3D



008B49



008DAD



# Sweetspot

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



C6399D



FFC9EF



6139C6



806076



000000



808080



# Same Dimension

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



C6399D



FF26C0



C63958



635A61



A30074



240019



# Inverse Universe

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



C6399D



FF26C0



39C6A7



635A61



A30074



240019



# Previews

## White Background



This preview shows how the Hex color C6399D looks on a white background.

## Color Contrast Check

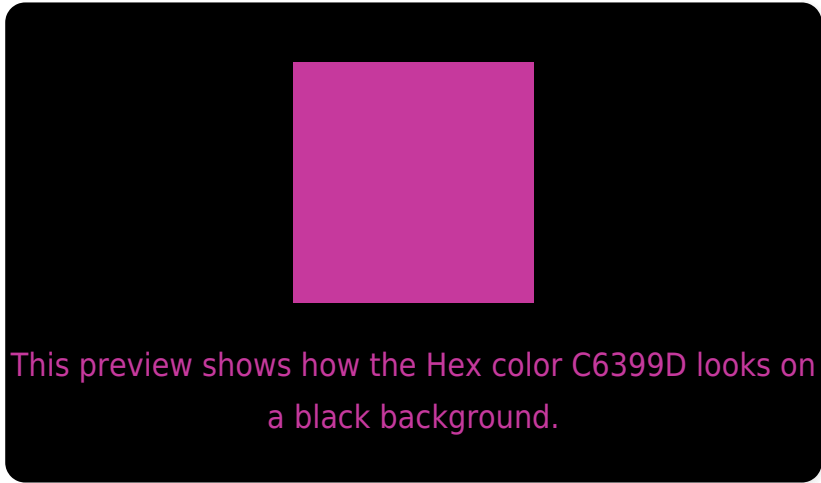
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

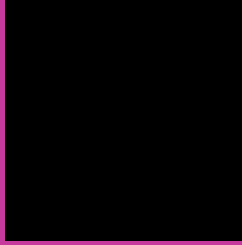
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex C6399D Background



This preview shows how black text looks on a background with the Hex color C6399D.

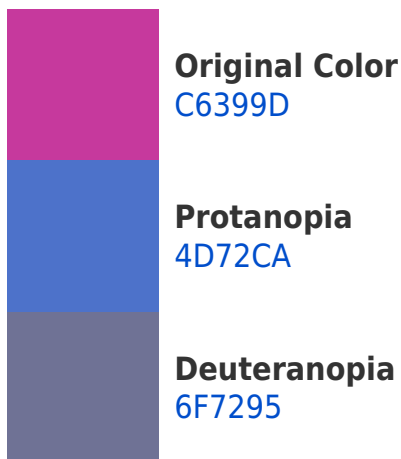


This preview shows how white text looks on a background with the Hex color C6399D.

# 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**  
C04F54

# Trichromacy



**Original Color**  
C6399D



**Protanomaly**  
795DBA



**Deuteranomaly**  
8F5D98



**Tritanomaly**  
C2476F

# Monochromacy



**Original Color**  
C6399D



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
8F5B80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6399D 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 #C6399D looks like.

```
.text, #text, p{  
    color:#C6399D  
}
```

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 #C6399D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6399D
}
```

## Border

The CSS property to change the border of an element to Hex C6399D 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
#C6399D }
```

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

```
.border{ border-color:#C6399D }
```

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

Here you see how a box with a 4 pixel #C6399D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6399D; -webkit-box-shadow:4px 4px  
4px 4px #C6399D; box-shadow:4px 4px 4px  
4px #C6399D }
```

# Background

The CSS property to change the background color of an element to Hex C6399D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6399D }
```

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

```
.background{ background-color:#C6399D }
```

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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