

# Converting Colors

Hex(6C599D)

Have a look what the booklet for  
Hex(6C599D) contains.

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# Color

**Hex(6C599D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C599D
RGB	108, 89, 157
RGB Percent	42%, 35%, 62%
CMY	0.5765, 0.6510, 0.3843
CMYK	0.31, 0.43, 0.00, 0.38
HSL	257°, 28%, 48%
HSV	257°, 43%, 62%
XYZ	15.8425, 12.7672, 33.5276
YIQ	102.4330, -10.5040, 25.1760

# Conversions

## Conversions Part 2

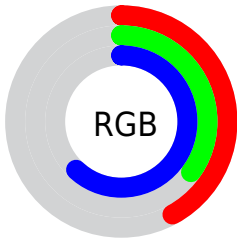
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	108, 89, 157
Decimal	7100829
CIE Lab	42.41, 23.40, -34.35
CIE LCh	42, 41.561, 304.265
Yxy	12.7672, 0.2550, 0.2055
Android (android.graphics.Color)	4285290909 (0xFF6C599D)
YUV	102.4330, 26.9015, 4.8823
Hunter-Lab	35.7313, 16.6136, -30.6216

# Details

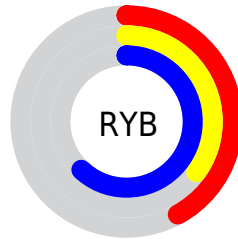
The Hex color **6C599D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8A9D59**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **A18BD4**, and **392B69** is the 20% darker color. If you saturate the color by 10%, you get **61499D**, and if you desaturate by 10%, it is **77699D**.

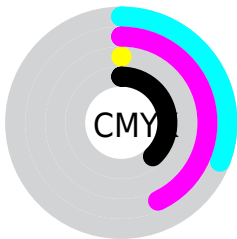
# Distribution



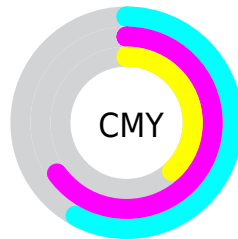
- Red (42%)
- Green (35%)
- Blue (62%)



- Red (42%)
- Yellow (35%)
- Blue (62%)



- Cyan (31%)
- Magenta (43%)
- Yellow (0%)
- Black (38%)



- Cyan (58%)
- Magenta (65%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C599D 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 6C599D by changing the saturation by 10% instead.



■ 6C599D

■ 6C599D

FFFFFF

■ 524183

■ A18BD4

■ 392B69

■ BDA6F0

■ 201651

■ D9C1FF

■ 0A0039

■ F6DDFF

■ 000223

■ FFF9FF

■ 00000A

■ 000000

■ 6C599D

■ 6C599D

■ 61499D

■ 77699D

■ 553A9D

■ 83789D

■ 4A2A9D

■ 8E889D

■ 3F1A9D

■ 99989D

■ 330A9D

■ A5A89D

■ 2C009D

■ B0B79D

■ BBC79D

■ C7D79D

■ D2E69D

# Harmonies

## Analogous

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



2366A9



6C599D



924B83

# Triad

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



6C599D



8E5725



007568

# Complementary

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



6C599D



8A9D59

# 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.



167345



6C599D



72641A

# Square

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



6C599D



A04B3F



4F6D28



00748A

# Rectangle

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



6C599D



9F466C



4F6D28



00745C



# Sweetspot

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



6C599D



B9B1CC



598B9D



5A5666



E6E6E6



666666



# Same Dimension

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



6C599D



8062CC



8D599D



49474F



28008F



04000F



# Inverse Universe

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



9D598A



CC62AE



699D59



4F474D



8F0067



0F000B



# Previews

## White Background



This preview shows how the Hex color 6C599D looks on a white background.

## Color Contrast Check

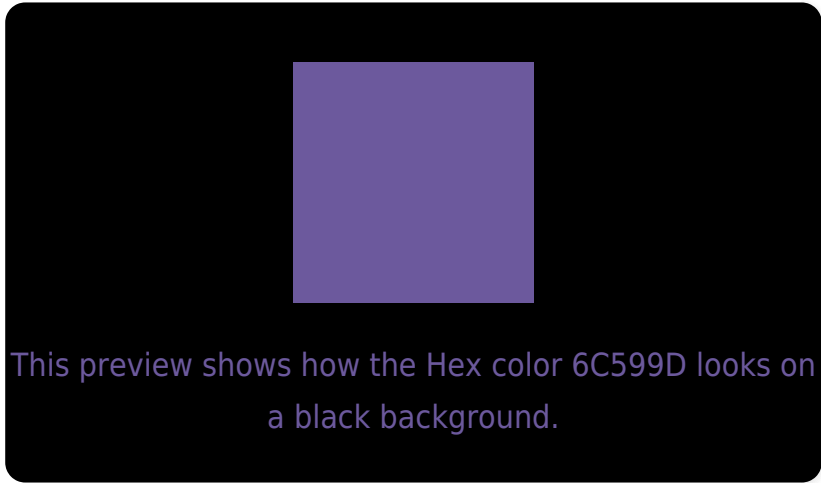
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C599D Background



This preview shows how black text looks on a background with the Hex color 6C599D.

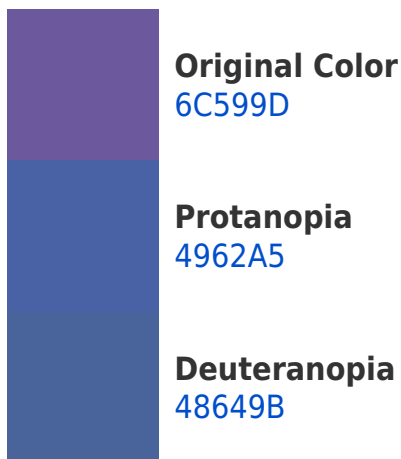



This preview shows how white text looks on a background with the Hex color 6C599D.

# 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**  
62646C

# Trichromacy



**Original Color**  
6C599D

**Protanomaly**  
565FA2

**Deuteranomaly**  
55609C

**Tritanomaly**  
66607E

# Monochromacy



**Original Color**  
6C599D

**Achromatopsia**  
666666

**Achromatomaly**  
68617A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C599D 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 #6C599D looks like.

```
.text, #text, p{  
    color:#6C599D  
}
```

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 #6C599D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C599D
}
```

## Border

The CSS property to change the border of an element to Hex 6C599D 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
#6C599D }
```

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

```
.border{ border-color:#6C599D }
```

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

Here you see how a box with a 4 pixel #6C599D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C599D; -webkit-box-shadow:4px 4px  
4px 4px #6C599D; box-shadow:4px 4px 4px  
4px #6C599D }
```

# Background

The CSS property to change the background color of an element to Hex 6C599D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C599D }
```

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

```
.background{ background-color:#6C599D }
```

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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