

Converting Colors

Hex(6C5399)

Have a look what the booklet for
Hex(6C5399) contains.

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Color

Hex(6C5399)

Conversions

Conversions Part 1

Format	Color
Hex	6C5399
RGB	108, 83, 153
RGB Percent	42%, 33%, 60%
CMY	0.5765, 0.6745, 0.4000
CMYK	0.29, 0.46, 0.00, 0.40
HSL	261°, 30%, 46%
HSV	261°, 46%, 60%
XYZ	15.0274, 11.6746, 31.5984
YIQ	98.4550, -7.5700, 27.0700

Conversions

Conversions Part 2

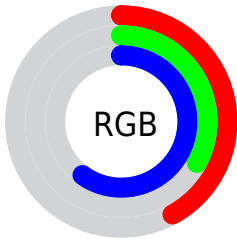
Format	Color
R_{YB}	108, 83, 153
Decimal	7099289
CIE _{Lab}	40.69, 25.99, -34.66
CIE _{LCh}	41, 43.328, 306.865
Yxy	11.6746, 0.2578, 0.2002
Android (android.graphics.Color)	4285289369 (0xFF6C5399)
YUV	98.4550, 26.8907, 8.3710
Hunter-Lab	34.1681, 18.7115, -30.9133

Details

The Hex color **6C5399** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **809953**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **A185D0**, and **392565** is the 20% darker color. If you saturate the color by 10%, you get **624499**, and if you desaturate by 10%, it is **766299**.

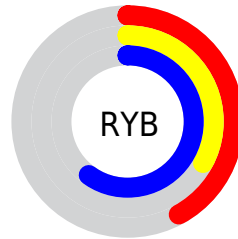
Distribution



Red (42%)

Green (33%)

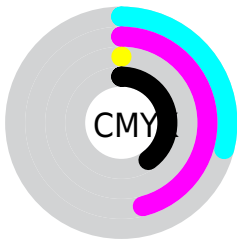
Blue (60%)



Red (42%)

Yellow (33%)

Blue (60%)

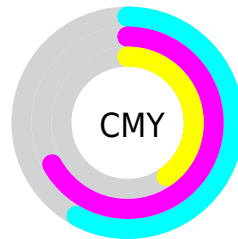


Cyan (29%)

Magenta (46%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (67%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C5399 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 6C5399 by changing the saturation by 10% instead.

6C5399

6C5399

FFFFFF

523C7F

A185D0

392565

BD9FEC

20104D

D9BAFF

0E0036

F6D6FF

000220

FFF3FF

000003

000000

6C5399

6C5399

624499

766299

■ 583499

■ 807299

■ 4E2599

■ 8A8199

■ 451699

■ 939099

■ 3B0699

■ 9DA099

■ 370099

■ A7AF99

■ B1BE99

■ BBCD99

■ C5DD99

Harmonies

Analogous

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



2061A7



6C5399



91447D

Triad

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



6C5399



88541C



007167

Complementary

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



6C5399



809953

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.



006F43



6C5399



6B6111

Square

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



6C5399



9C4637



456A23



00708A

Rectangle

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



6C5399



9D3F65



456A23



00715B

Sweetspot

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



6C5399



B5ABC7



538099



595363



E3E3E3



636363

Same Dimension

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



6C5399



815AC7



8E5399



48454D



32008C



05000D

Inverse Universe

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



995380



C75AA0



5E9953



4D454A



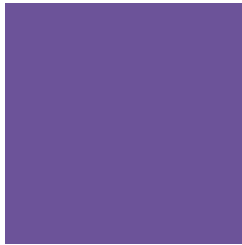
8C005A



0D0008

Previews

White Background



This preview shows how the Hex color 6C5399 looks on a white background.

Color Contrast Check

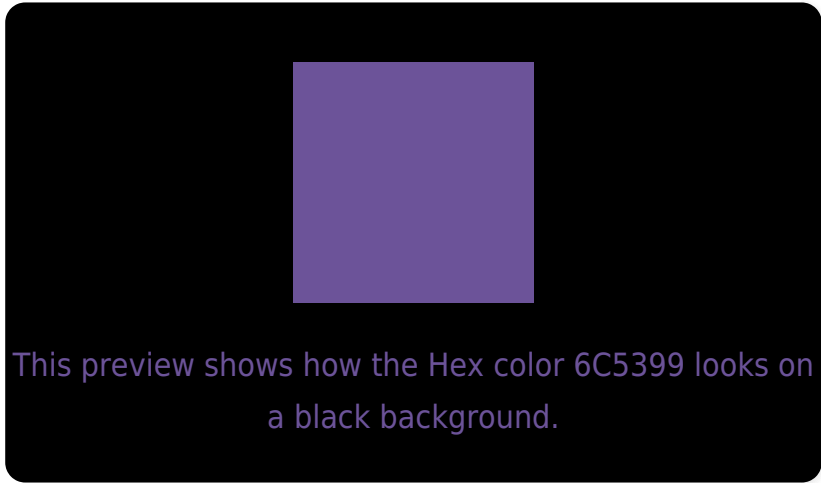
Large Text (above 18pt) WCAG AA ✓ Pass

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

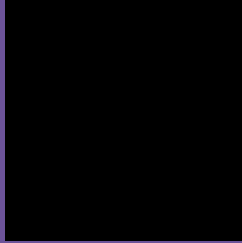
Any Text WCAG AA × Fail

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 6C5399 Background



This preview shows how black text looks on a background with the Hex color 6C5399.

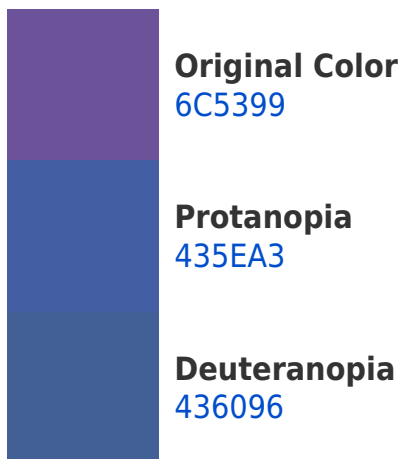


This preview shows how white text looks on a background with the Hex color 6C5399.

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
625F66

Trichromacy



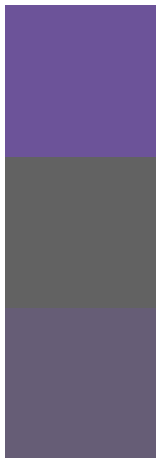
Original Color
6C5399

Protanomaly
525A9F

Deuteranomaly
525B97

Tritanomaly
665B79

Monochromacy



Original Color
6C5399

Achromatopsia
626262

Achromatomaly
665D76

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C5399 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 #6C5399 looks like.

```
.text, #text, p{  
    color:#6C5399  
}
```

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 #6C5399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C5399
}
```

Border

The CSS property to change the border of an element to Hex 6C5399 is called "border". The border property can be set on classes, ids or directly on the HTML element.

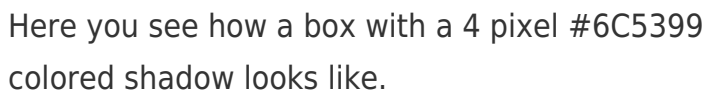
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C5399 }
```

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

```
.border{ border-color:#6C5399 }
```

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



Here you see how a box with a 4 pixel #6C5399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C5399; -webkit-box-shadow:4px 4px  
4px 4px #6C5399; box-shadow:4px 4px 4px  
4px #6C5399 }
```

Background

The CSS property to change the background color of an element to Hex 6C5399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C5399 }
```

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

```
.background{ background-color:#6C5399 }
```

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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