

# Converting Colors

Hex(6A4D99)

Have a look what the booklet for  
Hex(6A4D99) contains.

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# Color

**Hex(6A4D99)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A4D99
RGB	106, 77, 153
RGB Percent	42%, 30%, 60%
CMY	0.5843, 0.6980, 0.4000
CMYK	0.31, 0.50, 0.00, 0.40
HSL	263°, 33%, 45%
HSV	263°, 50%, 60%
XYZ	14.3475, 10.6718, 31.4407
YIQ	94.3350, -7.1120, 29.7840

# Conversions

## Conversions Part 2

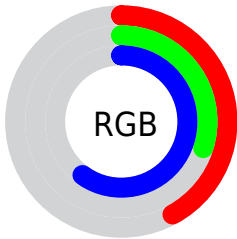
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 77, 153
Decimal	6966681
CIE <sub>Lab</sub>	39.02, 29.06, -37.33
CIE <sub>LCh</sub>	39, 47.306, 307.903
Yxy	10.6718, 0.2541, 0.1890
Android (android.graphics.Color)	4285156761 (0xFF6A4D99)
YUV	94.3350, 28.9218, 10.2302
Hunter-Lab	32.6678, 21.2276, -34.1954

# Details

The Hex color **6A4D99** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7C994D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **9F7FD0**, and **371F65** is the 20% darker color. If you saturate the color by 10%, you get **613E99**, and if you desaturate by 10%, it is **735C99**.

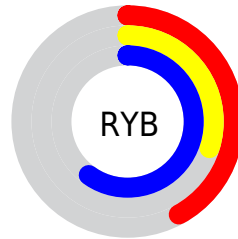
# Distribution



Red (42%)

Green (30%)

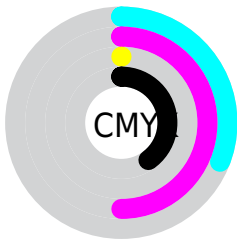
Blue (60%)



Red (42%)

Yellow (30%)

Blue (60%)

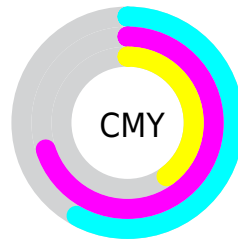


Cyan (31%)

Magenta (50%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (70%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A4D99 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 6A4D99 by changing the saturation by 10% instead.



6A4D99

6A4D99

FFFFFF

50367F

9F7FD0

371F65

BB99EC

1D094D

D7B4FF

080036

F4CFFF

00021F

FFECFF

000003

000000

6A4D99

6A4D99

613E99

735C99

■ 572E99

■ 7D6C99

■ 4E1F99

■ 867B99

■ 441099

■ 908A99

■ 3B0199

■ 999A99

■ 3A0099

■ A3A999

■ ACB899

■ B6C799

■ BFD799

# Harmonies

## Analogous

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



005DA8



6A4D99



923C7A

# Triad

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



6A4D99



854F0E



006E65

# Complementary

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



6A4D99



7C994D

# 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.



006C3D



6A4D99



655D00

# Square

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



6A4D99



9B3F2F



3C6719



006D8A

# Rectangle

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



6A4D99



9E3560



3C6719



006D58



# Sweetspot

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



6A4D99



B4A9C7



4D7D99



585263



E3E3E3



636363



# Same Dimension

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



6A4D99



7D50C7



8F4D99



48454D



36008C



05000D



# Inverse Universe

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



994D7C



C75099



57994D



4D454A



8C0057



0D0008



# Previews

## White Background



This preview shows how the Hex color 6A4D99 looks on a white background.

## Color Contrast Check

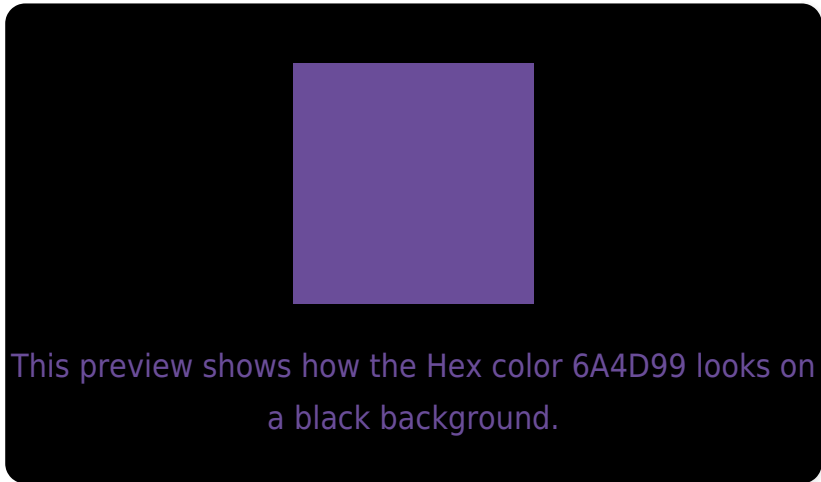
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A4D99 Background



This preview shows how black text looks on a background with the Hex color 6A4D99.

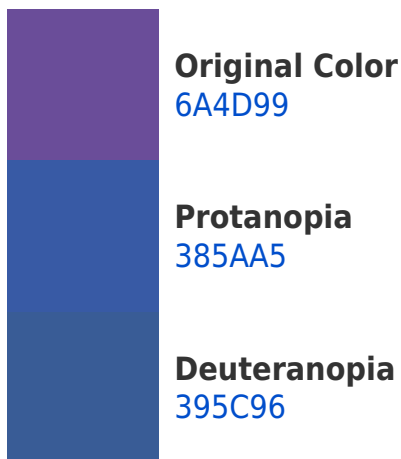



This preview shows how white text looks on a background with the Hex color 6A4D99.

# 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](#).

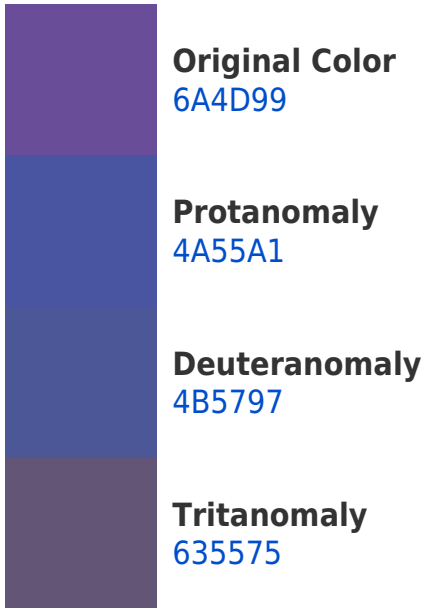
## Dichromacy



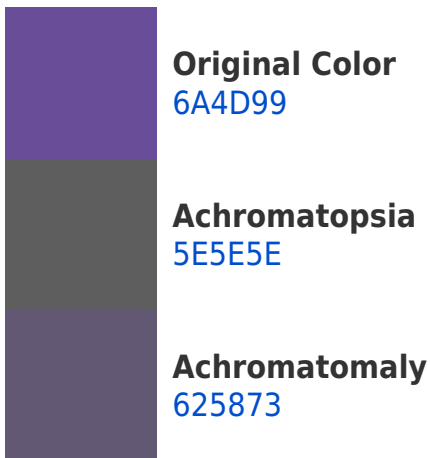


**Tritanopia**  
5F5A61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A4D99 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 #6A4D99 looks like.

```
.text, #text, p{  
    color:#6A4D99  
}
```

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 #6A4D99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A4D99
}
```

## Border

The CSS property to change the border of an element to Hex 6A4D99 is called "border". The border property can be set on classes, ids or directly on the HTML element.

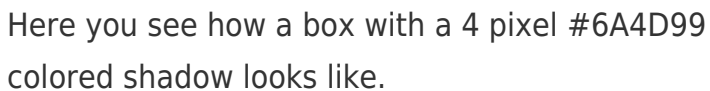
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A4D99 }
```

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

```
.border{ border-color:#6A4D99 }
```

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



Here you see how a box with a 4 pixel #6A4D99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A4D99; -webkit-box-shadow:4px 4px  
4px 4px #6A4D99; box-shadow:4px 4px 4px  
4px #6A4D99 }
```

# Background

The CSS property to change the background color of an element to Hex 6A4D99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A4D99 }
```

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

```
.background{ background-color:#6A4D99 }
```

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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