

# Converting Colors

Hex(610099)

Have a look what the booklet for  
Hex(610099) contains.

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# Color

**Hex(610099)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	610099
RGB	97, 0, 153
RGB Percent	38%, 0%, 60%
CMY	0.6196, 1.0000, 0.4000
CMYK	0.37, 1.00, 0.00, 0.40
HSL	278°, 100%, 30%
HSV	278°, 100%, 60%
XYZ	10.6795, 4.8413, 30.5086
YIQ	46.4450, 8.6990, 68.1470

# Conversions

## Conversions Part 2

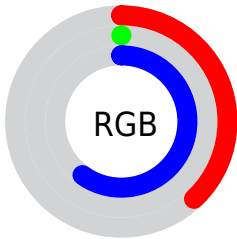
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 0, 153
Decimal	6357145
CIELab	26.28, 59.04, -57.98
CIElCh	26, 82.750, 315.519
Yxy	4.8413, 0.2320, 0.1052
Android (android.graphics.Color)	4284547225 (0xFF610099)
YUV	46.4450, 52.5316, 44.3367
Hunter-Lab	22.0029, 48.1331, -66.8076

# Details

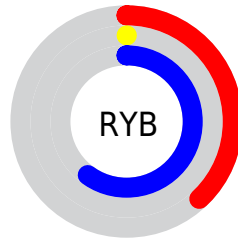
The Hex color **610099** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **389900**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **9944D0**, and **270065** is the 20% darker color. If you saturate the color by 10%, you get **610099**, and if you desaturate by 10%, it is **670F99**.

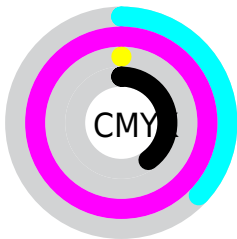
# Distribution



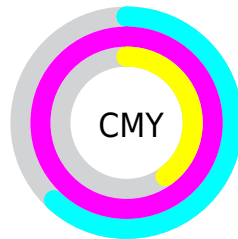
- Red (38%)
- Green (0%)
- Blue (60%)



- Red (38%)
- Yellow (0%)
- Blue (60%)



- Cyan (37%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



- Cyan (62%)
- Magenta (100%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 610099 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 610099 by changing the saturation by 10% instead.



 610099

 610099

FFFFFF

 45007E

 9944D0

 270065

 B65FED

 03004C

 D379FF

 000434

 F195FF

 00021E

 FFB1FF

 000000

 FFCDFD

 FFEAFF

 610099

 670F99

 6C1F99

 722E99

 773D99

 7D4D99

 835C99

 886B99

 8E7A99

 938A99

# Harmonies

## Analogous

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



003EBC



610099



98005F

# Triad

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



610099



653000



00545F

# Complementary

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



610099



389900

# 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.



00521B



610099



2D4600

# Square

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



610099



8D0000



004E00



00549A

# Rectangle

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



610099



A20036



004E00



005349



# Sweetspot

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



610099



B18BC7



003899



564063



E3E3E3



636363



# Same Dimension

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



610099



7E00C7



990085



4A454D



59008C



08000D



# Inverse Universe

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



990038



C70049



009914



4D4548



8C0033



0D0005



# Previews

## White Background



This preview shows how the Hex color 610099 looks on a white background.

## Color Contrast Check

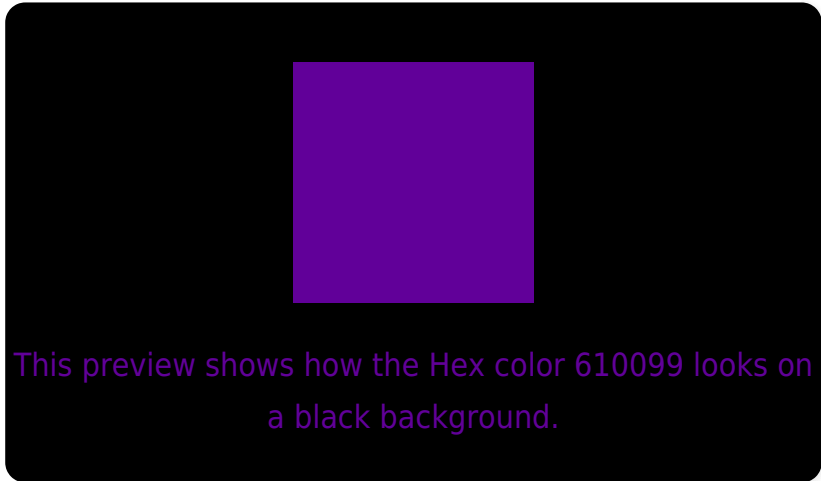
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

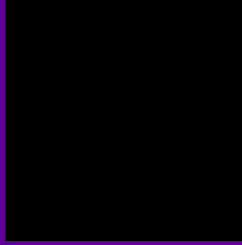
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 610099 Background



This preview shows how black text looks on a background with the Hex color 610099.



This preview shows how white text looks on a background with the Hex color 610099.

# 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



**Original Color**  
610099

**Protanopia**  
003F85

**Deuteranopia**  
004372



**Tritanopia**  
503C40

# Trichromacy



**Original Color**  
610099

**Protanomaly**  
23288C

**Deuteranomaly**  
232B80

**Tritanomaly**  
562660

# Monochromacy



**Original Color**  
610099

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
411D55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 610099 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 #610099 looks like.

```
.text, #text, p{  
    color:#610099  
}
```

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 #610099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #610099
}
```

## Border

The CSS property to change the border of an element to Hex 610099 is called "border". The border property can be set on classes, ids or directly on the HTML element.

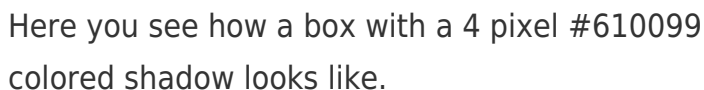
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#610099 }
```

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

```
.border{ border-color:#610099 }
```

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



Here you see how a box with a 4 pixel #610099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #610099; -webkit-box-shadow:4px 4px  
4px 4px #610099; box-shadow:4px 4px 4px  
4px #610099 }
```

# Background

The CSS property to change the background color of an element to Hex 610099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#610099 }
```

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

```
.background{ background-color:#610099 }
```

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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