

# Converting Colors

Hex(601E99)

Have a look what the booklet for  
Hex(601E99) contains.

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# Color

**Hex(601E99)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	601E99
RGB	96, 30, 153
RGB Percent	38%, 12%, 60%
CMY	0.6235, 0.8824, 0.4000
CMYK	0.37, 0.80, 0.00, 0.40
HSL	272°, 67%, 36%
HSV	272°, 80%, 60%
XYZ	11.0379, 5.7153, 30.6584
YIQ	63.7560, -0.1470, 52.2450

# Conversions

## Conversions Part 2

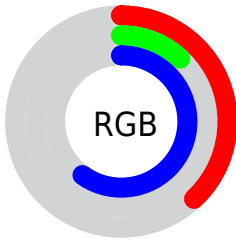
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 30, 153
Decimal	6299289
CIE <sub>Lab</sub>	28.68, 51.35, -54.05
CIE <sub>LCh</sub>	29, 74.549, 313.531
Yxy	5.7153, 0.2328, 0.1205
Android (android.graphics.Color)	4284489369 (0xFF601E99)
YUV	63.7560, 43.9973, 28.2780
Hunter-Lab	23.9066, 40.5787, -59.3003

# Details

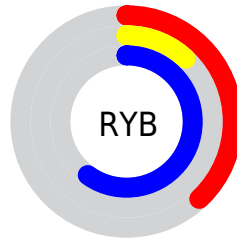
The Hex color **601E99** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **57991E**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **9853D0**, and **270065** is the 20% darker color. If you saturate the color by 10%, you get **590F99**, and if you desaturate by 10%, it is **672D99**.

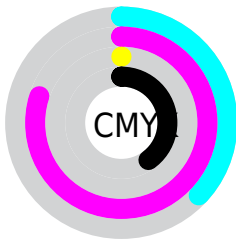
# Distribution



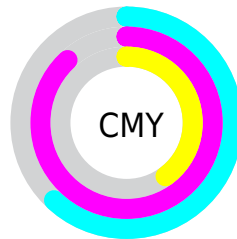
- Red (38%)
- Green (12%)
- Blue (60%)



- Red (38%)
- Yellow (12%)
- Blue (60%)



- Cyan (37%)
- Magenta (80%)
- Yellow (0%)
- Black (40%)



- Cyan (62%)
- Magenta (88%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 601E99 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 601E99 by changing the saturation by 10% instead.



 601E99

 601E99

FFFFFF

 44007E

 9853D0

 270065

 B46DED

 0B004C

 D187FF

 000234

 EEA2FF

 00021E

 FFBEFF

 000000

 FFDBFF

 FFF8FF

 601E99

 601E99

■ 590F99

■ 672D99

■ 520099

■ 6E3D99

■ 754C99

■ 7C5B99

■ 836A99

■ 8B7A99

■ 928999

■ 999899

■ A0A899

# Harmonies

## Analogous

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



0044B7



601E99



950066

# Triad

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



601E99



6D3500



00595D

# Complementary

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



601E99



57991E

# 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.



005720



601E99



3C4A00

# Square

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



601E99



910000



005300



005993

# Rectangle

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



601E99



A10040



005300



005849



# Sweetspot

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



601E99



B197C7



1E5799



564763



E3E3E3



636363



# Same Dimension

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



601E99



6E08C7



991E95



49454D



4B008C



07000D



# Inverse Universe

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



991E57



C70860



1E9922



4D4548



8C0041

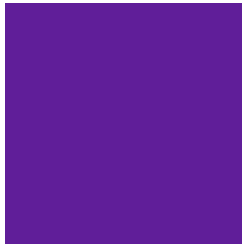


0D0006



# Previews

## White Background



This preview shows how the Hex color 601E99 looks on a white background.

## Color Contrast Check

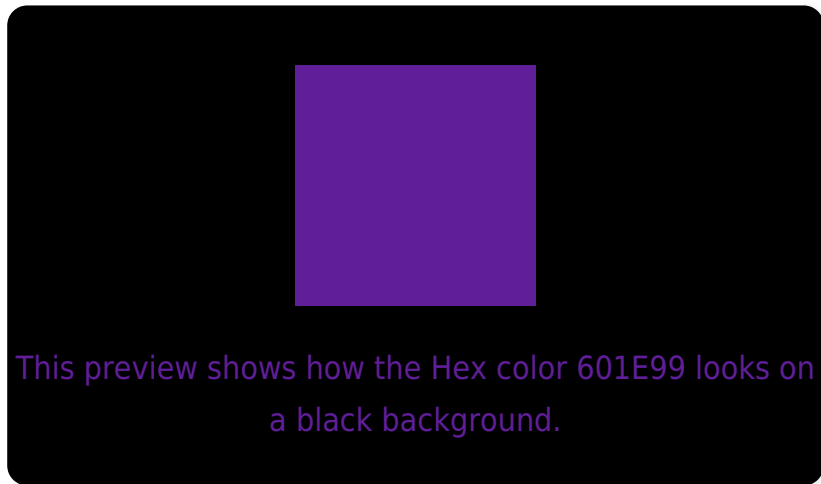
Large Text (above 18pt) WCAG AA ✓ Pass

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

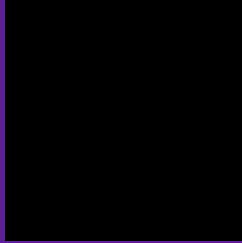
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 601E99 Background



This preview shows how black text looks on a background with the Hex color 601E99.



This preview shows how white text looks on a background with the Hex color 601E99.

# 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**  
601E99

**Protanopia**  
00428C

**Deuteranopia**  
004679



**Tritanopia**  
4F4146

# Trichromacy



**Original Color**  
601E99



**Protanomaly**  
233591



**Deuteranomaly**  
233785



**Tritanomaly**  
553464

# Monochromacy



**Original Color**  
601E99



**Achromatopsia**  
404040



**Achromatomaly**  
4C3460

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 601E99 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 #601E99 looks like.

```
.text, #text, p{  
    color:#601E99  
}
```

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 #601E99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #601E99
}
```

## Border

The CSS property to change the border of an element to Hex 601E99 is called "border". The border property can be set on classes, ids or directly on the HTML element.

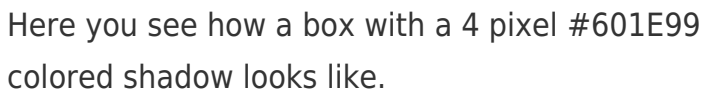
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#601E99 }
```

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

```
.border{ border-color:#601E99 }
```

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



Here you see how a box with a 4 pixel #601E99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #601E99; -webkit-box-shadow:4px 4px  
4px 4px #601E99; box-shadow:4px 4px 4px  
4px #601E99 }
```

# Background

The CSS property to change the background color of an element to Hex 601E99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#601E99 }
```

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

```
.background{ background-color:#601E99 }
```

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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