

# Converting Colors

Hex(611C87)

Have a look what the booklet for  
Hex(611C87) contains.

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**Color**

**Hex(611C87)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	611C87
RGB	97, 28, 135
RGB Percent	38%, 11%, 53%
CMY	0.6196, 0.8902, 0.4706
CMYK	0.28, 0.79, 0.00, 0.47
HSL	279°, 66%, 32%
HSV	279°, 79%, 53%
XYZ	9.7182, 5.1212, 23.3979
YIQ	60.8290, 6.7770, 47.9050

# Conversions

## Conversions Part 2

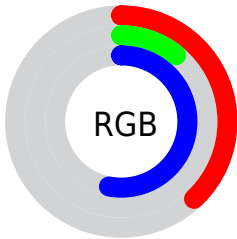
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	97, 28, 135
Decimal	6364295
CIE Lab	27.08, 48.13, -45.52
CIE LCh	27, 66.246, 316.592
Yxy	5.1212, 0.2542, 0.1339
Android (android.graphics.Color)	4284554375 (0xFF611C87)
YUV	60.8290, 36.5663, 31.7220
Hunter-Lab	22.6300, 37.0523, -45.4610

# Details

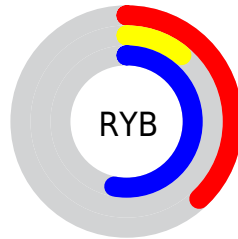
The Hex color **611C87** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **42871C**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **9750BD**, and **2C0054** is the 20% darker color. If you saturate the color by 10%, you get **5C0E87**, and if you desaturate by 10%, it is **662987**.

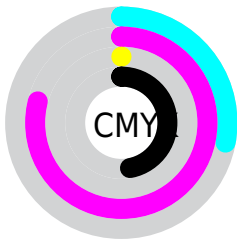
# Distribution



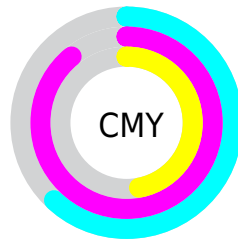
- Red (38%)
- Green (11%)
- Blue (53%)



- Red (38%)
- Yellow (11%)
- Blue (53%)



- Cyan (28%)
- Magenta (79%)
- Yellow (0%)
- Black (47%)



- Cyan (62%)
- Magenta (89%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 611C87 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 611C87 by changing the saturation by 10% instead.





611C87



611C87

FFFFFF



46006D



9750BD



2C0054



B36AD9



13003C



D085F6



000225



EDA0FF



00010E



FFBBFF



000000



FFD8FF



FFF5FF



611C87



611C87

■ 5C0E87

■ 662987

■ 570187

■ 6B3787

■ 570087

■ 6F4487

■ 745287

■ 795F87

■ 7E6D87

■ 837A87

■ 878887

■ 8C9687

# Harmonies

## Analogous

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



003EA4



611C87



8B0059

# Triad

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



611C87



623500



00535C

# Complementary

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



611C87



42871C

# 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.



005226



611C87



354600

# Square

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



611C87



831000



004E00



00538A

# Rectangle

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



611C87



930038



004E00



00534A



# Sweetspot

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



611C87



A186B0



1C4387



503F59



D9D9D9



595959



# Same Dimension

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



611C87



7509B0



871C79



403C42



540082



020003



# Inverse Universe

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



871C42



B00944



1C872A



423C3E



82002E

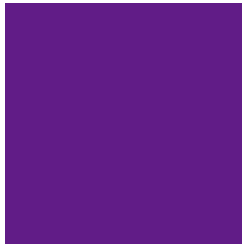


030001



# Previews

## White Background



This preview shows how the Hex color 611C87 looks on a white background.

## Color Contrast Check

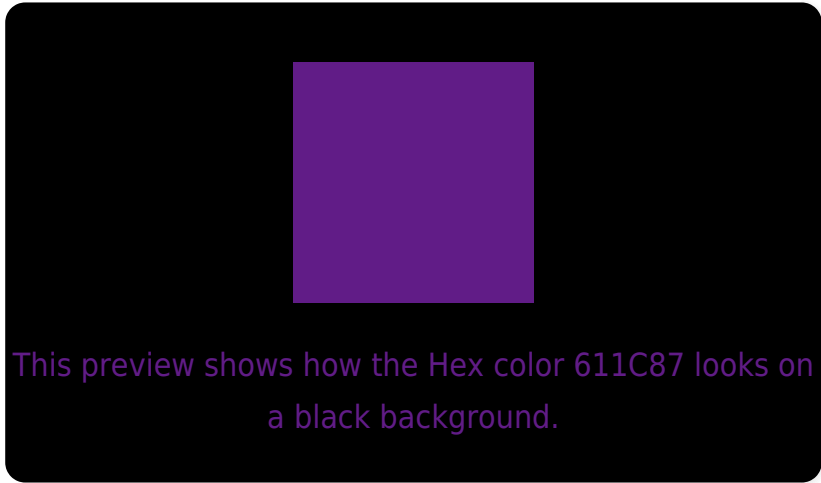
Large Text (above 18pt) WCAG AA ✓ Pass

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

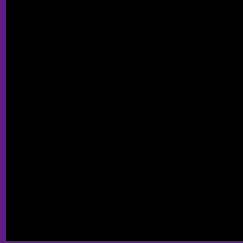
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 611C87 Background



This preview shows how black text looks on a background with the Hex color 611C87.



This preview shows how white text looks on a background with the Hex color 611C87.

# 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**  
611C87

**Protanopia**  
003F85

**Deuteranopia**  
004374



**Tritanopia**  
553A3E

# Trichromacy



**Original Color**  
611C87

**Protanomaly**  
233286

**Deuteranomaly**  
23357B

**Tritanomaly**  
592F59

# Monochromacy



**Original Color**  
611C87

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
4A3158

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 611C87 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 #611C87 looks like.

```
.text, #text, p{  
    color:#611C87  
}
```

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 #611C87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #611C87
}
```

## Border

The CSS property to change the border of an element to Hex 611C87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

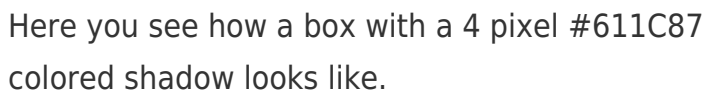
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#611C87 }
```

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

```
.border{ border-color:#611C87 }
```

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



Here you see how a box with a 4 pixel #611C87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #611C87; -webkit-box-shadow:4px 4px  
4px 4px #611C87; box-shadow:4px 4px 4px  
4px #611C87 }
```

# Background

The CSS property to change the background color of an element to Hex 611C87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#611C87 }
```

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

```
.background{ background-color:#611C87 }
```

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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