

Converting Colors

Hex(610877)

Have a look what the booklet for
Hex(610877) contains.

Hex(610877)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(610877)

Conversions

Conversions Part 1

Format	Color
Hex	610877
RGB	97, 8, 119
RGB Percent	38%, 3%, 47%
CMY	0.6196, 0.9686, 0.5333
CMYK	0.18, 0.93, 0.00, 0.53
HSL	288°, 87%, 25%
HSV	288°, 93%, 47%
XYZ	8.3464, 4.0470, 17.7940
YIQ	47.2650, 17.4130, 53.3890

Conversions

Conversions Part 2

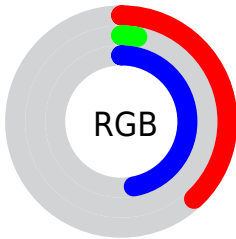
Format	Color
R_{YB}	97, 8, 119
Decimal	6359159
CIE _{Lab}	23.83, 50.58, -40.68
CIE _{LCh}	24, 64.906, 321.189
Yxy	4.0470, 0.2765, 0.1341
Android (android.graphics.Color)	4284549239 (0xFF610877)
YUV	47.2650, 35.3654, 43.6176
Hunter-Lab	20.1171, 38.8530, -38.3614

Details

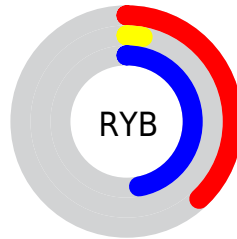
The Hex color **610877** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1E7708**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **9744AC**, and **2E0046** is the 20% darker color. If you saturate the color by 10%, you get **5F0077**, and if you desaturate by 10%, it is **631477**.

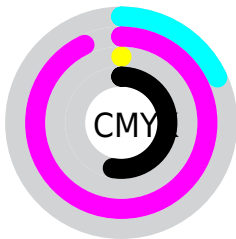
Distribution



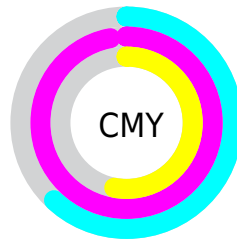
- Red (38%)
- Green (3%)
- Blue (47%)



- Red (38%)
- Yellow (3%)
- Blue (47%)



- Cyan (18%)
- Magenta (93%)
- Yellow (0%)
- Black (53%)



- Cyan (62%)
- Magenta (97%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 610877 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 610877 by changing the saturation by 10% instead.

610877

610877

FFFFFF

47005E

9744AC

2E0046

B35EC8

12002E

D079E4

000119

ED94FF

000000

FFAFFF

FFCCFF

FFE8FF

610877

610877

■ 5F0077

■ 631477

■ 662077

■ 682C77

■ 6A3877

■ 6D4377

■ 6F4F77

■ 725B77

■ 746777

■ 767377

Harmonies

Analogous

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



003396



610877



830049

Triad

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



610877



523200



004B5B

Complementary

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



610877



1E7708

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.



004A28



610877



244000

Square

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



610877



741000



004700



004A86

Rectangle

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



610877



880029



004700



004B4B

Sweetspot

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



610877



93709C



081E77



4A344F



CFCFCF



4F4F4F

Same Dimension

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



610877



7D009C



770856



39353B



62007A



C800FA

Inverse Universe

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



77081E



9C001F



087729



3B3536



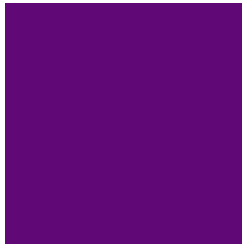
7A0018



FA0032

Previews

White Background



This preview shows how the Hex color 610877 looks on a white background.

Color Contrast Check

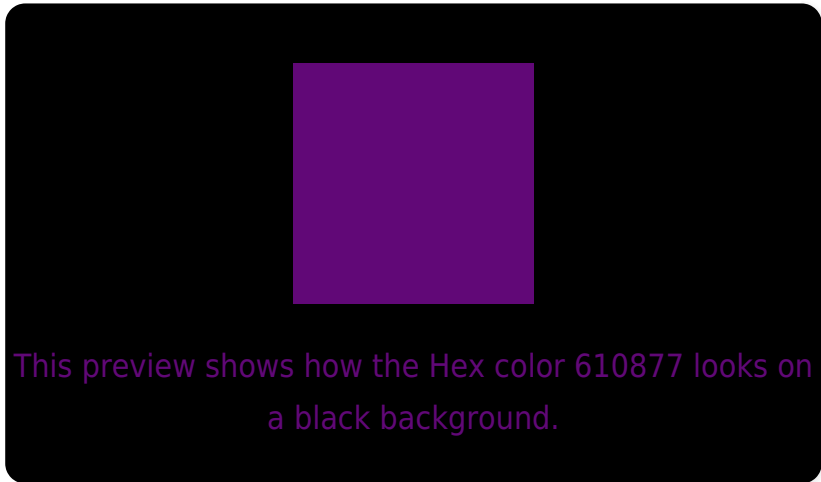
Large Text (above 18pt) WCAG AA ✓ Pass

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

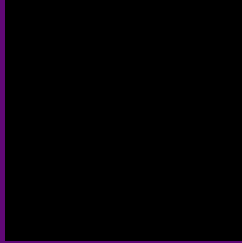
Any Text WCAG AA × Fail

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 610877 Background



This preview shows how black text looks on a background with the Hex color 610877.



This preview shows how white text looks on a background with the Hex color 610877.

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
610877

Protanopia
003979

Deuteranopia
003C6A



Tritanopia
572F32

Trichromacy



Original Color
610877



Protanomaly
232778



Deuteranomaly
23296F



Tritanomaly
5B214B

Monochromacy



Original Color
610877



Achromatopsia
2F2F2F



Achromatomaly
412149

CSS Examples

Text

The CSS property to change the color of the text to Hex 610877 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 #610877 looks like.

```
.text, #text, p{  
    color:#610877  
}
```

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 #610877 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #610877  
}
```

Border

The CSS property to change the border of an element to Hex 610877 is called "border". The border property can be set on classes, ids or directly on the HTML element.

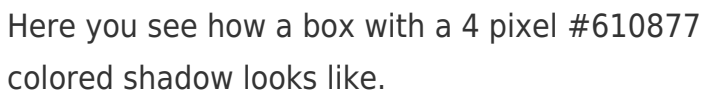
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#610877 }
```

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

```
.border{ border-color:#610877 }
```

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



Here you see how a box with a 4 pixel #610877 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #610877; -webkit-box-shadow:4px 4px  
4px 4px #610877; box-shadow:4px 4px 4px  
4px #610877 }
```

Background

The CSS property to change the background color of an element to Hex 610877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#610877 }
```

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

```
.background{ background-color:#610877 }
```

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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