

# Converting Colors

Hex(611070)

Have a look what the booklet for  
Hex(611070) contains.

<b>Hex(611070)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(611070)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	611070
RGB	97, 16, 112
RGB Percent	38%, 6%, 44%
CMY	0.6196, 0.9373, 0.5608
CMYK	0.13, 0.86, 0.00, 0.56
HSL	291°, 75%, 25%
HSV	291°, 86%, 44%
XYZ	8.0397, 4.0818, 15.6934
YIQ	51.1630, 17.4600, 47.0280

# Conversions

## Conversions Part 2

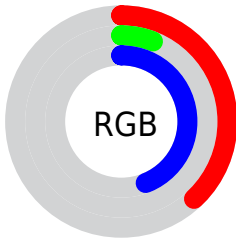
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 16, 112
Decimal	6361200
CIELab	23.94, 47.33, -36.00
CIELCh	24, 59.464, 322.743
Yxy	4.0818, 0.2890, 0.1467
Android (android.graphics.Color)	4284551280 (0xFF611070)
YUV	51.1630, 29.9926, 40.1990
Hunter-Lab	20.2035, 35.6752, -31.9119

# Details

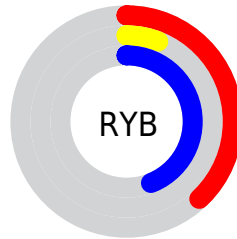
The Hex color **611070** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1F7010**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **9747A4**, and **2F003F** is the 20% darker color. If you saturate the color by 10%, you get **5F0570**, and if you desaturate by 10%, it is **631B70**.

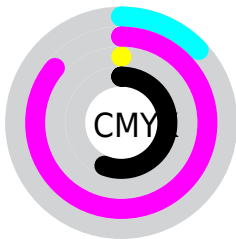
# Distribution



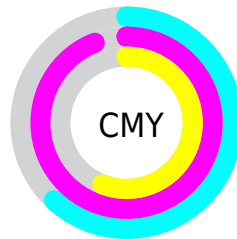
- Red (38%)
- Green (6%)
- Blue (44%)



- Red (38%)
- Yellow (6%)
- Blue (44%)



- Cyan (13%)
- Magenta (86%)
- Yellow (0%)
- Black (56%)



- Cyan (62%)
- Magenta (94%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 611070 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 611070 by changing the saturation by 10% instead.



611070

611070

FFFFFF

470057

9747A4

2F003F

B361C0

130029

CF7CDC

000112

EC97F9

000000

FFB2FF

FFCEFF

FFEBFF

611070

611070

■ 5F0570

■ 631B70

■ 5F0070

■ 652670

■ 663270

■ 683D70

■ 6A4870

■ 6C5370

■ 6D5E70

■ 6F6A70

■ 717570

# Harmonies

## Analogous

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



00338D



611070



7F0046

# Triad

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



611070



503400



004A5B

# Complementary

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



611070



1F7010

# 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.



00492C



611070



264100

# Square

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



611070



6F1A00



004700



004981

# Rectangle

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



611070



830029



004700



004A4C



# Sweetspot

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



611070



8B6C91



102070



46334A



C9C9C9



4A4A4A



# Same Dimension

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



611070



7B0091



701050



373238



650078



D100F7



# Inverse Universe

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



70101F



910017



107030



383233



780013



F70027



# Previews

## White Background



This preview shows how the Hex color 611070 looks on a white background.

## Color Contrast Check

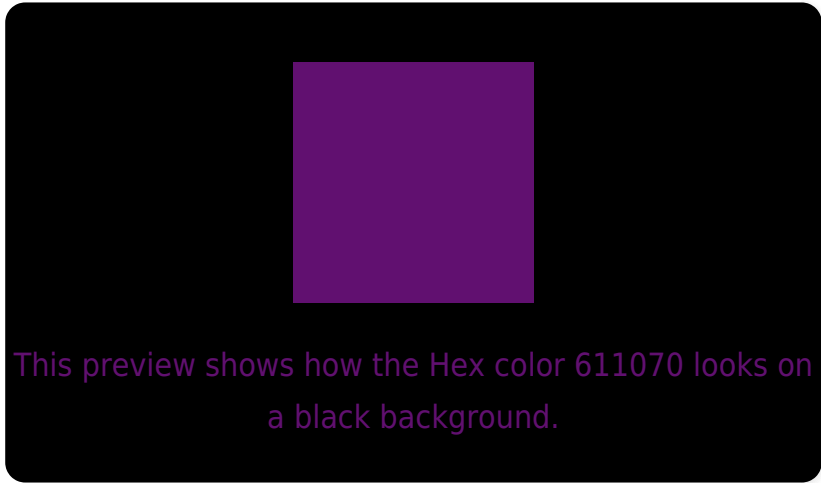
Large Text (above 18pt) WCAG AA ✓ Pass

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

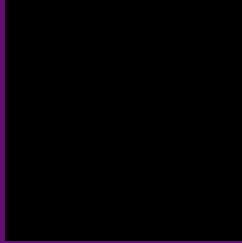
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 611070 Background



This preview shows how black text looks on a background with the Hex color 611070.



This preview shows how white text looks on a background with the Hex color 611070.

# 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**  
611070

**Protanopia**  
003978

**Deuteranopia**  
0C3C6A



**Tritanopia**  
592E31

# Trichromacy



**Original Color**  
611070

**Protanomaly**  
232A75

**Deuteranomaly**  
2B2C6C

**Tritanomaly**  
5C2348

# Monochromacy



**Original Color**  
611070

**Achromatopsia**  
333333

**Achromatomaly**  
442649

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 611070 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 #611070 looks like.

```
.text, #text, p{  
    color:#611070  
}
```

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 #611070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #611070
}
```

## Border

The CSS property to change the border of an element to Hex 611070 is called "border". The border property can be set on classes, ids or directly on the HTML element.

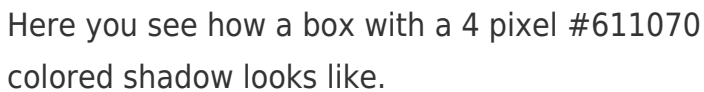
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#611070 }
```

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

```
.border{ border-color:#611070 }
```

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



Here you see how a box with a 4 pixel #611070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #611070; -webkit-box-shadow:4px 4px  
4px 4px #611070; box-shadow:4px 4px 4px  
4px #611070 }
```

# Background

The CSS property to change the background color of an element to Hex 611070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#611070 }
```

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

```
.background{ background-color:#611070 }
```

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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