

Converting Colors

Hex(610B6B)

Have a look what the booklet for
Hex(610B6B) contains.

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Color

Hex(610B6B)

Conversions

Conversions Part 1

Format	Color
Hex	610B6B
RGB	97, 11, 107
RGB Percent	38%, 4%, 42%
CMY	0.6196, 0.9569, 0.5804
CMYK	0.09, 0.90, 0.00, 0.58
HSL	294°, 81%, 23%
HSV	294°, 90%, 42%
XYZ	7.7033, 3.8423, 14.2455
YIQ	47.6580, 20.4400, 48.0880

Conversions

Conversions Part 2

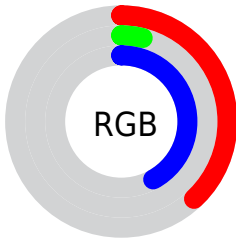
Format	Color
RYB	97, 11, 107
Decimal	6359915
CIELab	23.14, 47.66, -34.04
CIElCh	23, 58.570, 324.461
Yxy	3.8423, 0.2987, 0.1490
Android (android.graphics.Color)	4284549995 (0xFF610B6B)
YUV	47.6580, 29.2556, 43.2729
Hunter-Lab	19.6017, 35.8458, -29.3678

Details

The Hex color **610B6B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **156B0B**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **97459F**, and **2F003B** is the 20% darker color. If you saturate the color by 10%, you get **60006B**, and if you desaturate by 10%, it is **62166B**.

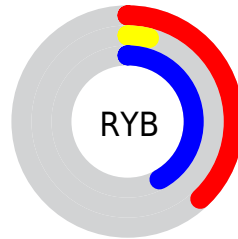
Distribution



Red (38%)

Green (4%)

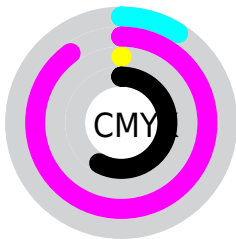
Blue (42%)



Red (38%)

Yellow (4%)

Blue (42%)

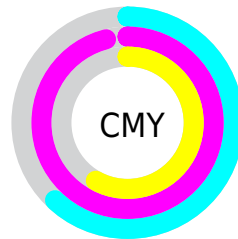


Cyan (9%)

Magenta (90%)

Yellow (0%)

Black (58%)



Cyan (62%)


Magenta (96%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 610B6B 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 610B6B by changing the saturation by 10% instead.

 610B6B

 610B6B

FFFFFF

 470052

 97459F

 2F003B

 B35FBA

 120024

 CF79D6

 00000C

 EC94F3

 000000

 FFAFFF

 FFCBFF

 FFE8FF

 610B6B

 610B6B

60006B

62166B

63206B

642B6B

65366B

67416B

684B6B

69566B

6A616B

6B6B6B

Harmonies

Analogous

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



003089



610B6B



7C0041

Triad

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



610B6B



4C3300



00485B

Complementary

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



610B6B



156B0B

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.



00472D



610B6B



213F00

Square

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



610B6B



6B1B00



004500



00477F

Rectangle

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



610B6B



7F0025



004500



00484C

Sweetspot

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



610B6B



88668C



0B166B



453147



C7C7C7



474747

Same Dimension

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



610B6B



7E008C



6B0B46



353036



690075



DB00F5

Inverse Universe

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



6B0B15



8C000F



0B6B30



363031



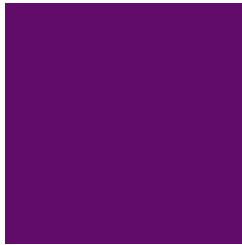
75000C



F50019

Previews

White Background



This preview shows how the Hex color 610B6B looks on a white background.

Color Contrast Check

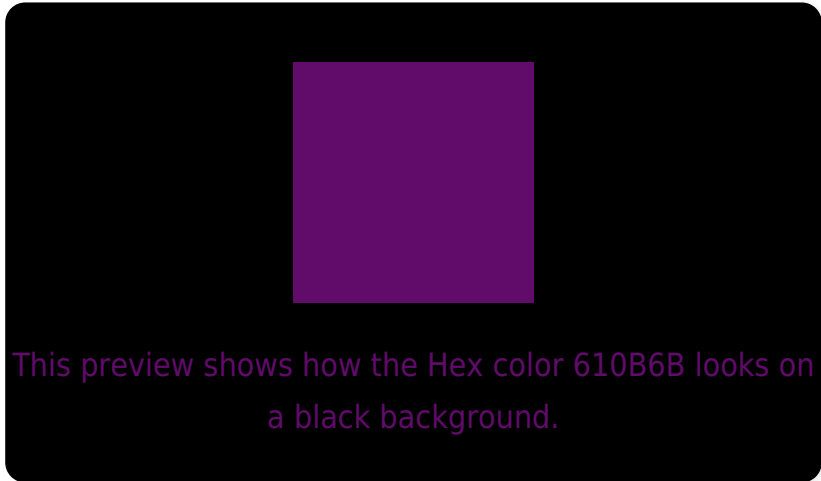
Large Text (above 18pt) WCAG AA ✓ Pass

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

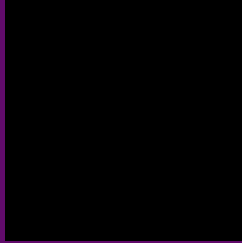
Any Text WCAG AA × Fail

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 610B6B Background



This preview shows how black text looks on a background with the Hex color 610B6B.



This preview shows how white text looks on a background with the Hex color 610B6B.

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
610B6B

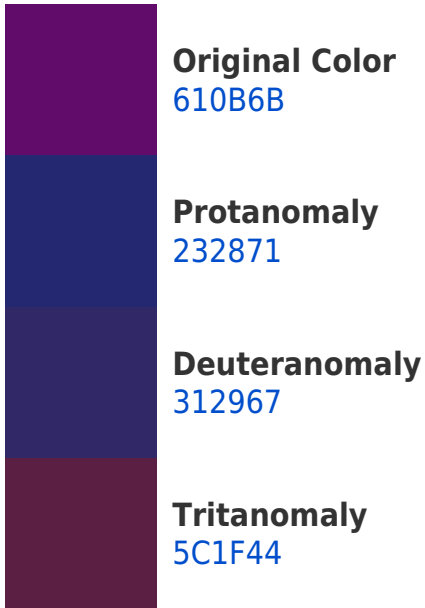
Protanopia
003875

Deuteranopia
153A65

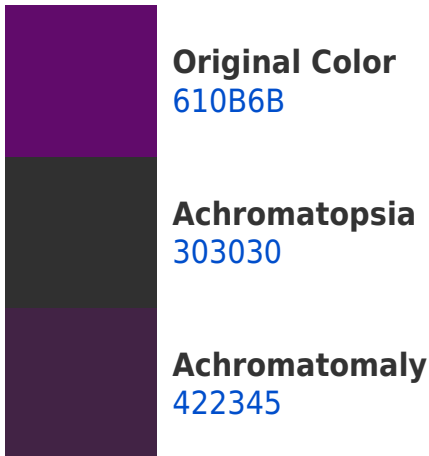


Tritanopia
592B2E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 610B6B 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 #610B6B looks like.

```
.text, #text, p{  
    color:#610B6B  
}
```

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 #610B6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #610B6B
}
```

Border

The CSS property to change the border of an element to Hex 610B6B is called "border". The border property can be set on classes, ids or directly on the HTML element.

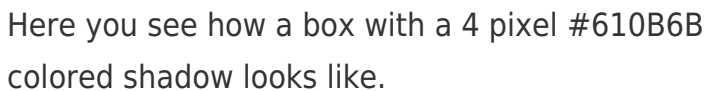
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#610B6B }
```

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

```
.border{ border-color:#610B6B }
```

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



Here you see how a box with a 4 pixel #610B6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #610B6B; -webkit-box-shadow:4px 4px  
4px 4px #610B6B; box-shadow:4px 4px 4px  
4px #610B6B }
```

Background

The CSS property to change the background color of an element to Hex 610B6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#610B6B }
```

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

```
.background{ background-color:#610B6B }
```

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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