

# Converting Colors

Hex(610C5B)

Have a look what the booklet for  
Hex(610C5B) contains.

<b>Hex(610C5B)</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(610C5B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	610C5B
RGB	97, 12, 91
RGB Percent	38%, 5%, 36%
CMY	0.6196, 0.9529, 0.6431
CMYK	0.00, 0.88, 0.06, 0.62
HSL	304°, 78%, 21%
HSV	304°, 88%, 38%
XYZ	6.9496, 3.5597, 10.2183
YIQ	46.4210, 25.3010, 42.5890

# Conversions

## Conversions Part 2

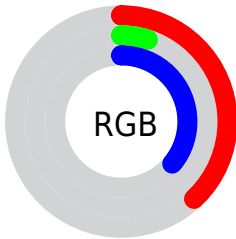
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 12, 91
Decimal	6360155
CIELab	22.16, 44.60, -25.10
CIELCh	22, 51.177, 330.634
Yxy	3.5597, 0.3353, 0.1717
Android (android.graphics.Color)	4284550235 (0xFF610C5B)
YUV	46.4210, 21.9774, 44.3578
Hunter-Lab	18.8671, 32.7320, -18.9043

# Details

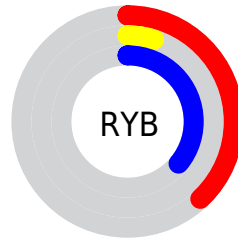
The Hex color **610C5B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0C6112**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **96448E**, and **30002D** is the 20% darker color. If you saturate the color by 10%, you get **61025A**, and if you desaturate by 10%, it is **61165C**.

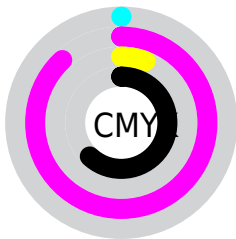
# Distribution



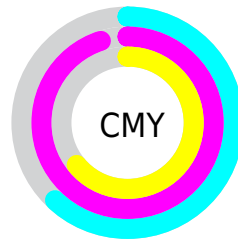
- Red (38%)
- Green (5%)
- Blue (36%)



- Red (38%)
- Yellow (5%)
- Blue (36%)



- Cyan (0%)
- Magenta (88%)
- Yellow (6%)
- Black (62%)



- Cyan (62%)
- Magenta (95%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 610C5B 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 610C5B by changing the saturation by 10% instead.



 610C5B

 610C5B

FFFFFF

 470043

 96448E

 30002D

 B25EA8

 0E0017

 CF78C3

 000000

 EB93E0

 FFAEFC

 FFCAFF

 FFE7FF

 610C5B

 610C5B

■ 61025A

■ 61165C

■ 61005A

■ 611F5C

■ 61295D

■ 61335E

■ 613D5E

■ 61465F

■ 615060

■ 615A60

■ 616361

# Harmonies

## Analogous

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



2D2A78



610C5B



740036

# Triad

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



610C5B



423400



00445B

# Complementary

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



610C5B



0C6112

# 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.



004435



610C5B



1A3D00

# Square

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



610C5B



5E2300



00420A



004278

# Rectangle

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



610C5B



74001D



00420A



00444F



# Sweetspot

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



610C5B



7D5C7B



120C61



402C3E



BFBFBF



404040



# Same Dimension

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



610C5B



7D0074



610C31



302C30



700068



F000DF



# Inverse Universe

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



610C5B



7D0074



0C613C



302C30



700068

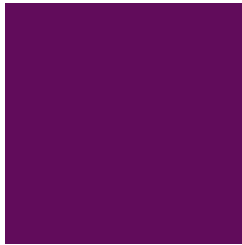


F000DF



# Previews

## White Background



This preview shows how the Hex color 610C5B looks on a white background.

## Color Contrast Check

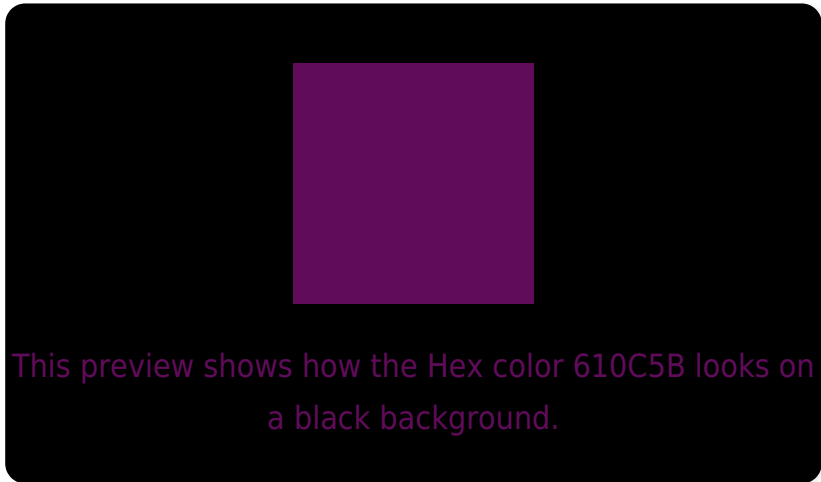
Large Text (above 18pt) WCAG AA ✓ Pass

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

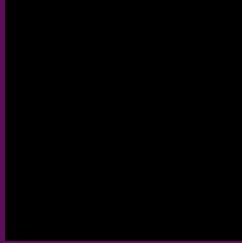
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 610C5B Background



This preview shows how black text looks on a background with the Hex color 610C5B.



This preview shows how white text looks on a background with the Hex color 610C5B.

# 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





# Trichromacy



**Original Color**  
610C5B

**Protanomaly**  
232669

**Deuteranomaly**  
3D2758

**Tritanomaly**  
5E1C3A

# Monochromacy



**Original Color**  
610C5B

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
41223E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 610C5B 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 #610C5B looks like.

```
.text, #text, p{  
    color:#610C5B  
}
```

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 #610C5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #610C5B
}
```

## Border

The CSS property to change the border of an element to Hex 610C5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

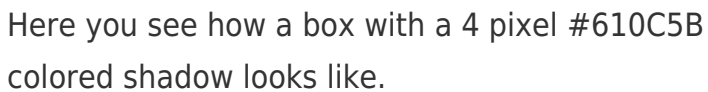
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#610C5B }
```

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

```
.border{ border-color:#610C5B }
```

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



Here you see how a box with a 4 pixel #610C5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #610C5B; -webkit-box-shadow:4px 4px  
4px 4px #610C5B; box-shadow:4px 4px 4px  
4px #610C5B }
```

# Background

The CSS property to change the background color of an element to Hex 610C5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#610C5B }
```

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

```
.background{ background-color:#610C5B }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor