

# Converting Colors

Hex(610038)

Have a look what the booklet for  
Hex(610038) contains.

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**Color**

**Hex(610038)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	610038
RGB	97, 0, 56
RGB Percent	38%, 0%, 22%
CMY	0.6196, 1.0000, 0.7804
CMYK	0.00, 1.00, 0.42, 0.62
HSL	325°, 100%, 19%
HSV	325°, 100%, 38%
XYZ	5.6436, 2.8269, 3.9896
YIQ	35.3870, 39.8360, 37.9800

# Conversions

## Conversions Part 2

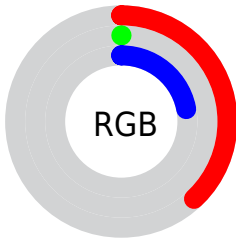
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 0, 56
Decimal	6357048
CIELab	19.34, 42.75, -5.50
CIELCh	19, 43.102, 352.665
Yxy	2.8269, 0.4529, 0.2269
Android (android.graphics.Color)	4284547128 (0xFF610038)
YUV	35.3870, 10.1622, 54.0346
Hunter-Lab	16.8134, 30.4916, -2.2993

# Details

The Hex color **610038** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006129**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **973C67**, and **31000C** is the 20% darker color. If you saturate the color by 10%, you get **610038**, and if you desaturate by 10%, it is **610A3C**.

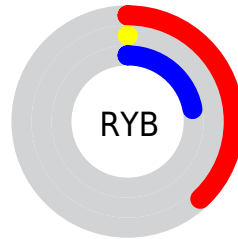
# Distribution



Red (38%)

Green (0%)

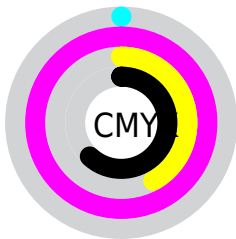
Blue (22%)



Red (38%)

Yellow (0%)

Blue (22%)

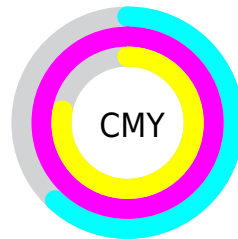


Cyan (0%)

Magenta (100%)

Yellow (42%)

Black (62%)



Cyan (62%)

Magenta (100%)

Yellow (78%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 610038 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 610038 by changing the saturation by 10% instead.



 610038

 610038

 FFFBFF

 470023

 973C67

 31000C

 B45680

 000000

 D0709A

 EE8BB5

 FFA6D0

 FFC2EC

 FFDEFF

 610038

■ 610A3C

■ 611340

■ 611D44

■ 612748

■ 61314C

■ 613A51

■ 614455

■ 614E59

■ 61575D

# Harmonies

## Analogous

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



4C1855



610038



630419

# Triad

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



610038



253400



003B61

# Complementary

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



610038



006129

# 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.



003C46



610038



003901

# Square

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



610038



412B00



003B26



00356E

# Rectangle

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



610038



5D1500



003B26



003B59



# Sweetspot

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



610038



7D576D



280061



402936



BFBFBF



404040



# Same Dimension

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



610038



7D0048



610008



302C2E



700041



F0008A



# Inverse Universe

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



610038



7D0048



006159



302C2E



700041

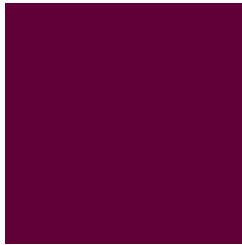


F0008A



# Previews

## White Background



This preview shows how the Hex color 610038 looks on a white background.

## Color Contrast Check

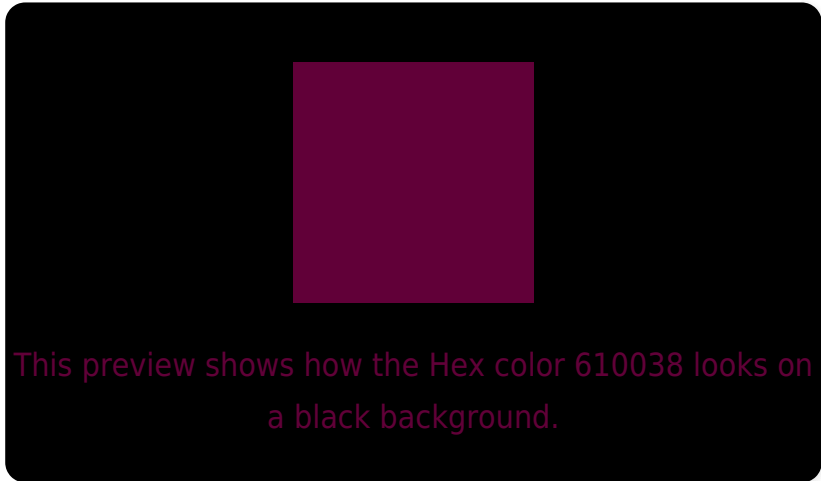
Large Text (above 18pt) WCAG AA ✓ Pass

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

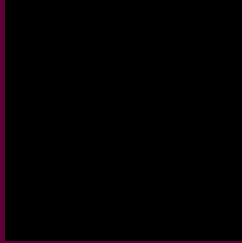
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 610038 Background



This preview shows how black text looks on a background with the Hex color 610038.

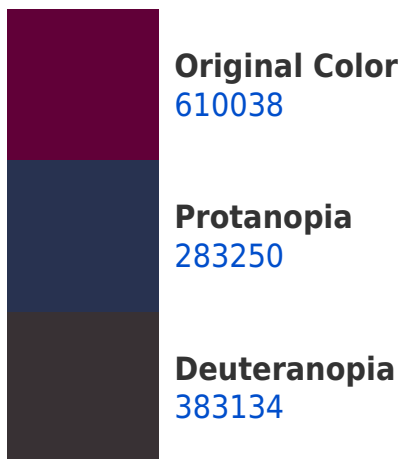


This preview shows how white text looks on a background with the Hex color 610038.

# 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





**Tritanopia**  
5F1617

# Trichromacy



**Original Color**  
610038

**Protanomaly**  
3D2047

**Deuteranomaly**  
471F35

**Tritanomaly**  
600E23

# Monochromacy



**Original Color**  
610038

**Achromatopsia**  
232323

**Achromatomaly**  
3A162B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 610038 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 #610038 looks like.

```
.text, #text, p{  
    color:#610038  
}
```

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 #610038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #610038
}
```

## Border

The CSS property to change the border of an element to Hex 610038 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".

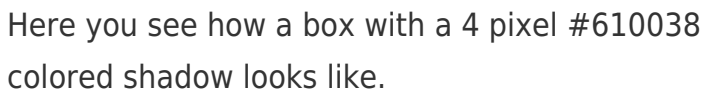
```
.border, #border, table{ border:4px solid
#610038 }
```

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

```
.border{ border-color:#610038 }
```

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

Here you see how a box with a 4 pixel #610038 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #610038; -webkit-box-shadow:4px 4px  
4px 4px #610038; box-shadow:4px 4px 4px  
4px #610038 }
```

# Background

The CSS property to change the background color of an element to Hex 610038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#610038 }
```

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

```
.background{ background-color:#610038 }
```

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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