

# Converting Colors

Hex(61003F)

Have a look what the booklet for  
Hex(61003F) contains.

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# Color

**Hex(61003F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	61003F
RGB	97, 0, 63
RGB Percent	38%, 0%, 25%
CMY	0.6196, 1.0000, 0.7529
CMYK	0.00, 1.00, 0.35, 0.62
HSL	321°, 100%, 19%
HSV	321°, 100%, 38%
XYZ	5.8270, 2.9003, 4.9553
YIQ	36.1850, 37.5890, 40.1570

# Conversions

## Conversions Part 2

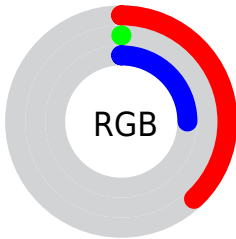
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 0, 63
Decimal	6357055
CIE <sub>Lab</sub>	19.64, 43.53, -9.96
CIE <sub>LCh</sub>	20, 44.657, 347.116
Yxy	2.9003, 0.4259, 0.2120
Android (android.graphics.Color)	4284547135 (0xFF61003F)
YUV	36.1850, 13.2198, 53.3348
Hunter-Lab	17.0302, 31.2720, -5.3307

# Details

The Hex color **61003F** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006122**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **973D6F**, and **310015** is the 20% darker color. If you saturate the color by 10%, you get **61003F**, and if you desaturate by 10%, it is **610A42**.

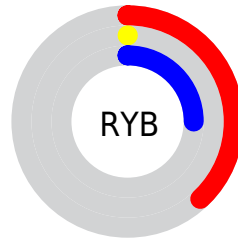
# Distribution



Red (38%)

Green (0%)

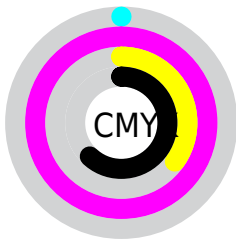
Blue (25%)



Red (38%)

Yellow (0%)

Blue (25%)

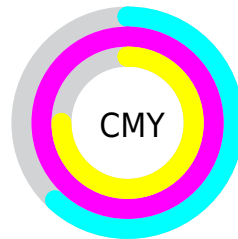


Cyan (0%)

Magenta (100%)

Yellow (35%)

Black (62%)



Cyan (62%)

Magenta (100%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61003F 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 61003F by changing the saturation by 10% instead.



 61003F

 61003F

 FFFCFF

 470029

 973D6F

 310015

 B35688

 000000

 D071A2

 ED8BBD

 FFA7D9

 FFC2F6

 FFDFFF

 61003F

■ 610A42

■ 611346

■ 611D49

■ 61274D

■ 613150

■ 613A53

■ 614457

■ 614E5A

■ 61575E

# Harmonies

## Analogous

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



471B5D



61003F



66001F

# Triad

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



61003F



2B3400



003C5F

# Complementary

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



61003F



006122

# 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.



003D42



61003F



003900

# Square

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



61003F



472900



003C20



003870

# Rectangle

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



61003F



610F07



003C20



003D56



# Sweetspot

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



61003F



7D5770



220061



402938



BFBFBF



404040



# Same Dimension

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



61003F



7D0051



61000F



302C2F



700049



F0009C



# Inverse Universe

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



61003F



7D0051



006152



302C2F



700049

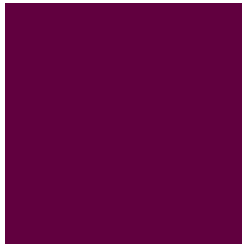


F0009C



# Previews

## White Background



This preview shows how the Hex color 61003F looks on a white background.

## Color Contrast Check

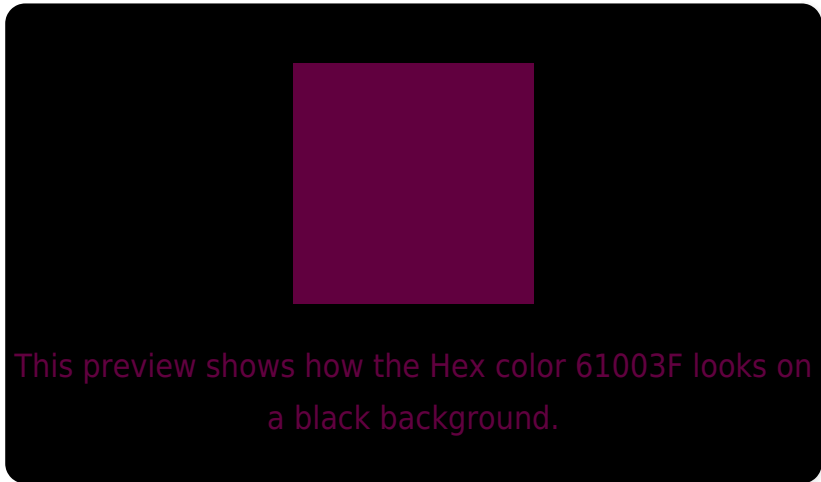
Large Text (above 18pt) WCAG AA ✓ Pass

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

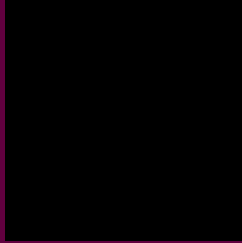
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 61003F Background



This preview shows how black text looks on a background with the Hex color 61003F.

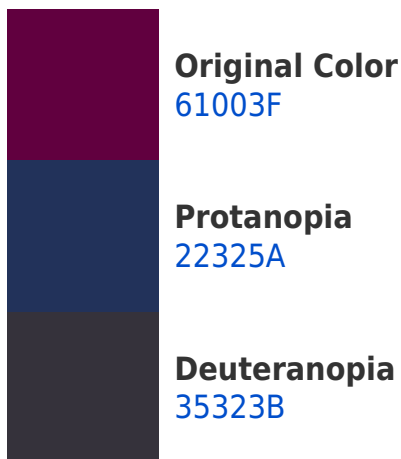


This preview shows how white text looks on a background with the Hex color 61003F.

# 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**  
5F191A

# Trichromacy



**Original Color**  
61003F

**Protanomaly**  
392050

**Deuteranomaly**  
45203C

**Tritanomaly**  
601027

# Monochromacy



**Original Color**  
61003F

**Achromatopsia**  
242424

**Achromatomaly**  
3A172E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61003F 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 #61003F looks like.

```
.text, #text, p{  
    color:#61003F  
}
```

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 #61003F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61003F
}
```

## Border

The CSS property to change the border of an element to Hex 61003F is called "border". The border property can be set on classes, ids or directly on the HTML element.

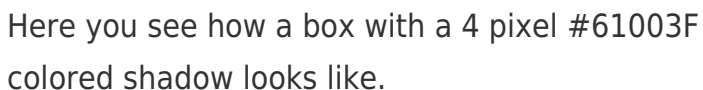
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61003F }
```

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

```
.border{ border-color:#61003F }
```

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



Here you see how a box with a 4 pixel #61003F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61003F; -webkit-box-shadow:4px 4px  
4px 4px #61003F; box-shadow:4px 4px 4px  
4px #61003F }
```

# Background

The CSS property to change the background color of an element to Hex 61003F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61003F }
```

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

```
.background{ background-color:#61003F }
```

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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