

# Converting Colors

Hex(61004E)

Have a look what the booklet for  
Hex(61004E) contains.

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# Color

**Hex(61004E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	61004E
RGB	97, 0, 78
RGB Percent	38%, 0%, 31%
CMY	0.6196, 1.0000, 0.6941
CMYK	0.00, 1.00, 0.20, 0.62
HSL	312°, 100%, 19%
HSV	312°, 100%, 38%
XYZ	6.3049, 3.0914, 7.4721
YIQ	37.8950, 32.7740, 44.8220

# Conversions

## Conversions Part 2

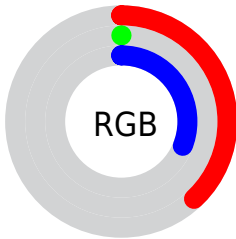
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 0, 78
Decimal	6357070
CIELab	20.41, 45.48, -19.11
CIELCh	20, 49.331, 337.205
Yxy	3.0914, 0.3738, 0.1833
Android (android.graphics.Color)	4284547150 (0xFF61004E)
YUV	37.8950, 19.7718, 51.8351
Hunter-Lab	17.5825, 33.2389, -12.8890

# Details

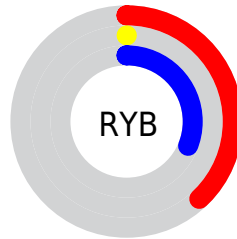
The Hex color **61004E** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **006113**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **973E7F**, and **310022** is the 20% darker color. If you saturate the color by 10%, you get **61004E**, and if you desaturate by 10%, it is **610A50**.

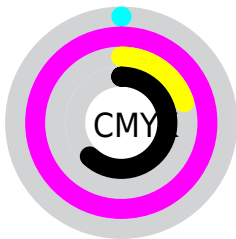
# Distribution



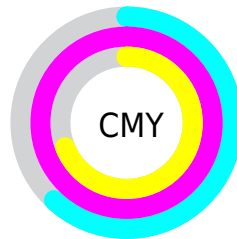
- Red (38%)
- Green (0%)
- Blue (31%)



- Red (38%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (20%)
- Black (62%)



- Cyan (62%)
- Magenta (100%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61004E 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 61004E by changing the saturation by 10% instead.



 61004E

 61004E


FFFEFF

 470037

 973E7F

 310022

 B35899

 080006

 CF72B4

 000000

 EC8DD0

 FFA8EC

 FFC4FF

 FFE0FF

 61004E

■ 610A50

■ 611352

■ 611D54

■ 612756

■ 613158

■ 613A59

■ 61445B

■ 614E5D

■ 61575F

# Harmonies

## Analogous

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



39226C



61004E



6E002A

# Triad

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



61004E



363300



003F5D

# Complementary

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



61004E



006113

# 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.



004039



61004E



0A3A00

# Square

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



61004E



532400



003E12



003C75

# Rectangle

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



61004E



6B0013



003E12



004052



# Sweetspot

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



61004E



7D5776



120061



40293B



BFBFBF



404040



# Same Dimension

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



61004E



7D0064



61001F



302C30



70005A



F000C1



# Inverse Universe

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



61004E



7D0064



006142



302C30



70005A

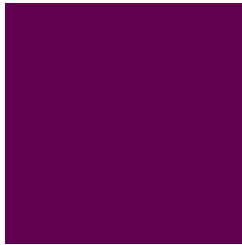


F000C1



# Previews

## White Background



This preview shows how the Hex color 61004E looks on a white background.

## Color Contrast Check

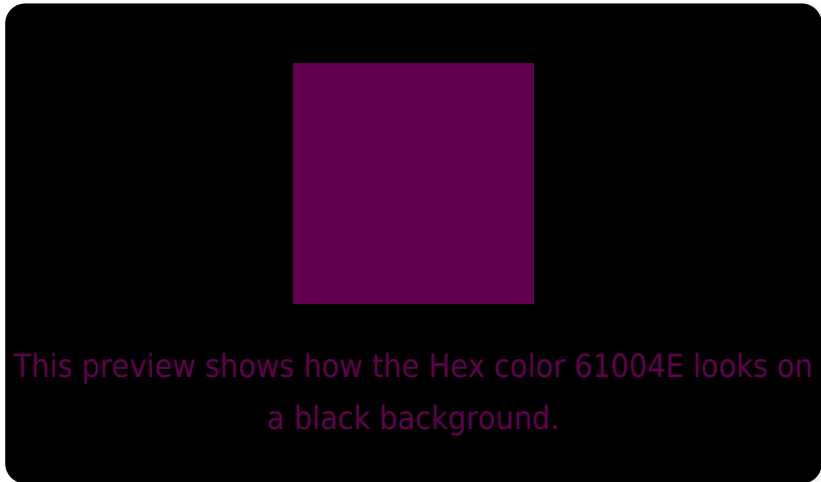
Large Text (above 18pt) WCAG AA ✓ Pass

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

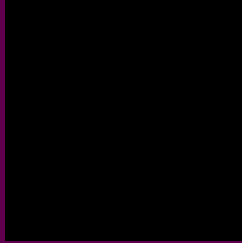
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 61004E Background



This preview shows how black text looks on a background with the Hex color 61004E.

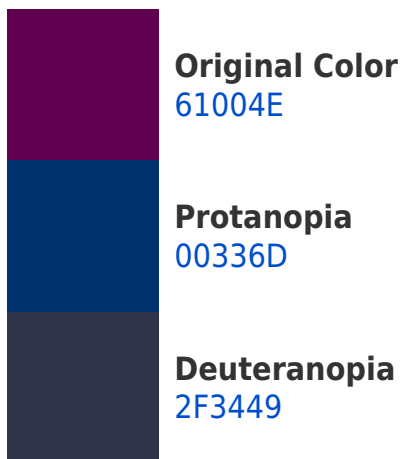


This preview shows how white text looks on a background with the Hex color 61004E.

# 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**  
61004E

**Protanomaly**  
232062

**Deuteranomaly**  
41214B

**Tritanomaly**  
5E1431

# Monochromacy



**Original Color**  
61004E

**Achromatopsia**  
262626

**Achromatomaly**  
3B1835

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61004E 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 #61004E looks like.

```
.text, #text, p{  
    color:#61004E  
}
```

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 #61004E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61004E
}
```

## Border

The CSS property to change the border of an element to Hex 61004E is called "border". The border property can be set on classes, ids or directly on the HTML element.

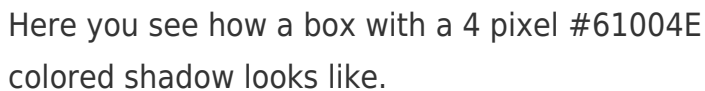
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61004E }
```

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

```
.border{ border-color:#61004E }
```

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



Here you see how a box with a 4 pixel #61004E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61004E; -webkit-box-shadow:4px 4px  
4px 4px #61004E; box-shadow:4px 4px 4px  
4px #61004E }
```

# Background

The CSS property to change the background color of an element to Hex 61004E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61004E }
```

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

```
.background{ background-color:#61004E }
```

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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