

Converting Colors

Hex(61004A)

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

Hex(61004A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(61004A)

Conversions

Conversions Part 1

Format	Color
Hex	61004A
RGB	97, 0, 74
RGB Percent	38%, 0%, 29%
CMY	0.6196, 1.0000, 0.7098
CMYK	0.00, 1.00, 0.24, 0.62
HSL	314°, 100%, 19%
HSV	314°, 100%, 38%
XYZ	6.1658, 3.0358, 6.7396
YIQ	37.4390, 34.0580, 43.5780

Conversions

Conversions Part 2

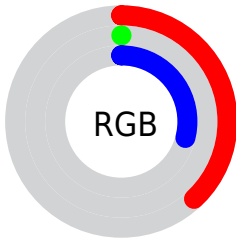
Format	Color
R_{YB}	97, 0, 74
Decimal	6357066
CIE Lab	20.19, 44.93, -16.72
CIE LCh	20, 47.938, 339.583
Yxy	3.0358, 0.3868, 0.1904
Android (android.graphics.Color)	4284547146 (0xFF61004A)
YUV	37.4390, 18.0246, 52.2350
Hunter-Lab	17.4235, 32.6759, -10.7373

Details

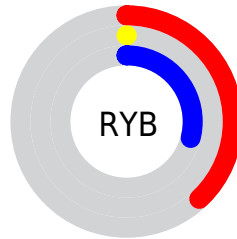
The Hex color **61004A** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **006117**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **973D7B**, and **31001F** is the 20% darker color. If you saturate the color by 10%, you get **61004A**, and if you desaturate by 10%, it is **610A4C**.

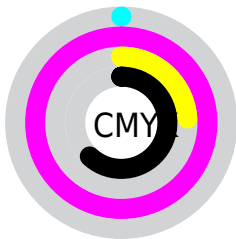
Distribution



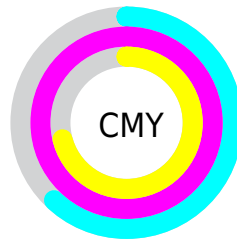
- Red (38%)
- Green (0%)
- Blue (29%)



- Red (38%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (62%)



- Cyan (62%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

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

 61004A

 61004A

 FFFDFF

 470033

 973D7B

 31001F

 B35795

 070000

 CF71AF

 000000

 EC8CCB

 FFA7E7

 FFC3FF

 FFE0FF

 61004A

■ 610A4C

■ 61134F

■ 611D51

■ 612753

■ 613156

■ 613A58

■ 61445A

■ 614E5C

■ 61575F

Harmonies

Analogous

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



3D2068



61004A



6C0027

Triad

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



61004A



333300



003F5D

Complementary

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



61004A



006117

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.



003F3C



61004A



063A00

Square

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



61004A



502600



003D16



003B73

Rectangle

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



61004A



680110



003D16



003F53

Sweetspot

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



61004A



7D5774



170061



40293A



BFBFBF



404040

Same Dimension

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



61004A



7D005F



61001A



302C2F



700056



F000B7

Inverse Universe

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



61004A



7D005F



006147



302C2F



700056



F000B7

Previews

White Background



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

Color Contrast Check

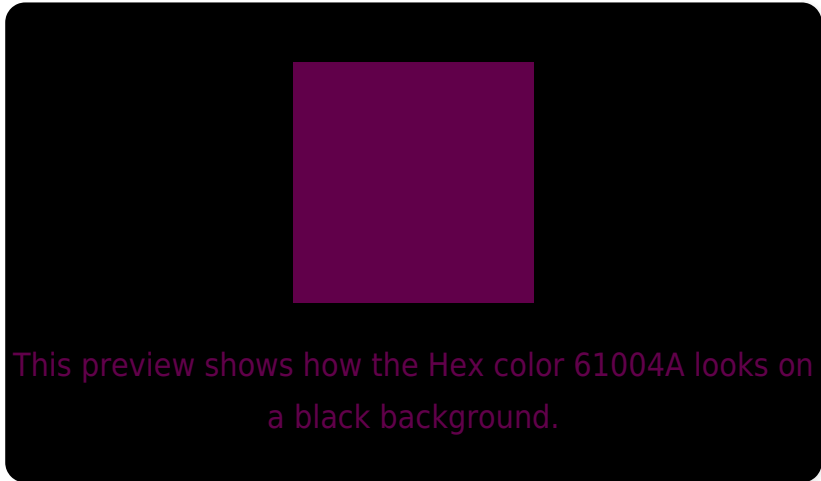
Large Text (above 18pt) WCAG AA ✓ Pass

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

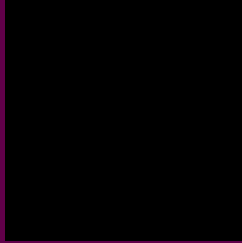
Any Text WCAG AA × Fail

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 61004A Background



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



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

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
61004A

Protanopia
113369

Deuteranopia
313445



Tritanopia
5E1D1F

Trichromacy



Original Color
61004A

Protanomaly
2E205E

Deuteranomaly
422147

Tritanomaly
5F122F

Monochromacy



Original Color
61004A

Achromatopsia
252525

Achromatomaly
3B1832

CSS Examples

Text

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

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

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 #61004A colored shadow looks like.

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

Border

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

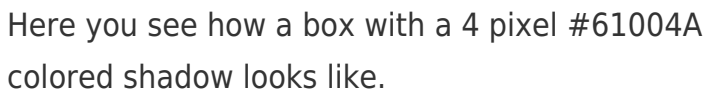
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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