

Converting Colors

Hex(76004E)

Have a look what the booklet for
Hex(76004E) contains.

Hex(76004E)	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(76004E)

Conversions

Conversions Part 1

Format	Color
Hex	76004E
RGB	118, 0, 78
RGB Percent	46%, 0%, 31%
CMY	0.5373, 1.0000, 0.6941
CMYK	0.00, 1.00, 0.34, 0.54
HSL	320°, 100%, 23%
HSV	320°, 100%, 46%
XYZ	8.8464, 4.4016, 7.5911
YIQ	44.1740, 45.2900, 49.2740

Conversions

Conversions Part 2

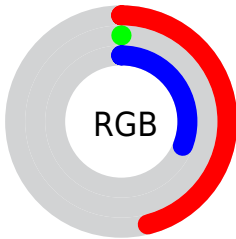
Format	Color
RYB	118, 0, 78
Decimal	7733326
CIELab	24.96, 50.05, -11.70
CIElCh	25, 51.403, 346.844
Yxy	4.4016, 0.4245, 0.2112
Android (android.graphics.Color)	4285923406 (0xFF76004E)
YUV	44.1740, 16.6762, 64.7454
Hunter-Lab	20.9800, 38.5507, -6.7665

Details

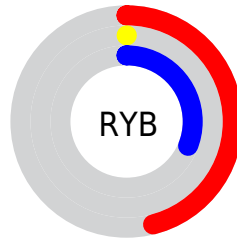
The Hex color **76004E** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **007628**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **AE437F**, and **410022** is the 20% darker color. If you saturate the color by 10%, you get **76004E**, and if you desaturate by 10%, it is **760C52**.

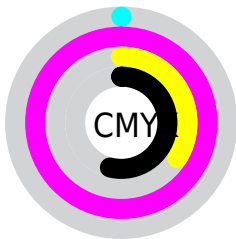
Distribution



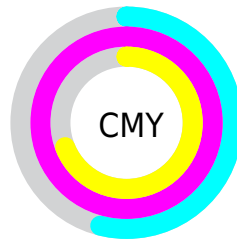
- Red (46%)
- Green (0%)
- Blue (31%)



- Red (46%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)
- Black (54%)



- Cyan (54%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76004E 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 76004E by changing the saturation by 10% instead.

 76004E

 76004E

FFFFFF

 5B0037

 AE437F

 410022

 CB5E99

 280009

 E878B4

 000000

 FF94CF

 FFAFEC

 FFCCFF

 FFE9FF

 76004E

 760C52

 761856

 76235A

 762F5E

 763B62

 764766

 76536A

 765E6E

 766A72

Harmonies

Analogous

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



562371



76004E



7D0028

Triad

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



76004E



364000



004A74

Complementary

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



76004E



007628

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.



004B51



76004E



004700

Square

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



76004E



583300



004A28



004588

Rectangle

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



76004E



76140E



004A28



004B69

Sweetspot

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



76004E



996B89



270076



4D3143



CCCCCC



4D4D4D

Same Dimension

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



76004E



990065



760014



3B3539



7A0051



FA00A5

Inverse Universe

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



76004E



990065



007662



3B3539



7A0051



FA00A5

Previews

White Background



This preview shows how the Hex color 76004E looks on a white background.

Color Contrast Check

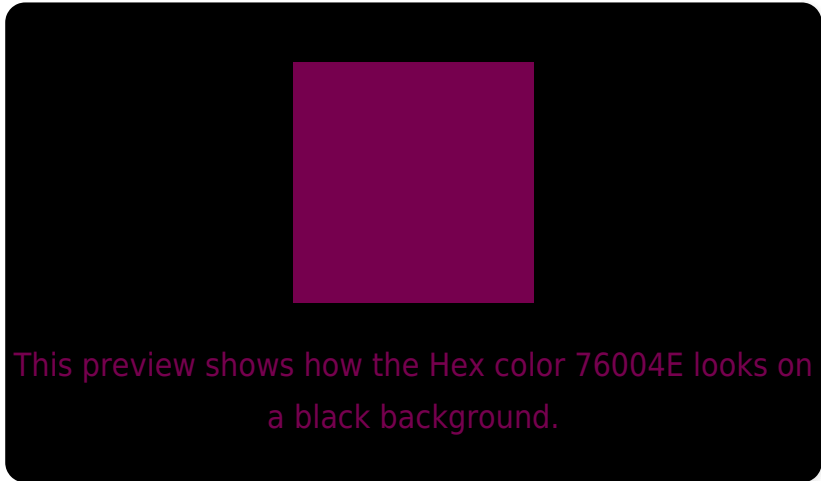
Large Text (above 18pt) WCAG AA ✓ Pass

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

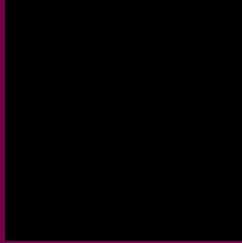
Any Text WCAG AA × Fail

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 76004E Background



This preview shows how black text looks on a background with the Hex color 76004E.



This preview shows how white text looks on a background with the Hex color 76004E.

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
76004E

Protanomaly
442763

Deuteranomaly
54274B

Tritanomaly
741431

Monochromacy



Original Color
76004E

Achromatopsia
2C2C2C

Achromatomaly
471C38

CSS Examples

Text

The CSS property to change the color of the text to Hex 76004E 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 #76004E looks like.

```
.text, #text, p{  
    color:#76004E  
}
```

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 #76004E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76004E
}
```

Border

The CSS property to change the border of an element to Hex 76004E is called "border". The border property can be set on classes, ids or directly on the HTML element.

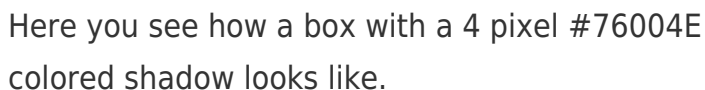
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76004E }
```

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

```
.border{ border-color:#76004E }
```

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



Here you see how a box with a 4 pixel `#76004E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76004E; -webkit-box-shadow:4px 4px  
4px 4px #76004E; box-shadow:4px 4px 4px  
4px #76004E }
```

Background

The CSS property to change the background color of an element to Hex 76004E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76004E }
```

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

```
.background{ background-color:#76004E }
```

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