

Converting Colors

Hex(47014E)

Have a look what the booklet for
Hex(47014E) contains.

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Color

Hex(47014E)

Conversions

Conversions Part 1

Format	Color
Hex	47014E
RGB	71, 1, 78
RGB Percent	28%, 0%, 31%
CMY	0.7216, 0.9961, 0.6941
CMYK	0.09, 0.99, 0.00, 0.69
HSL	295°, 97%, 15%
HSV	295°, 99%, 31%
XYZ	3.9845, 1.9114, 7.3666
YIQ	30.7080, 17.0030, 38.7870

Conversions

Conversions Part 2

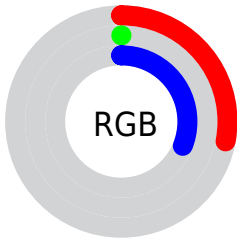
Format	Color
R_{YB}	71, 1, 78
Decimal	4653390
CIE _{Lab}	15.02, 40.01, -28.02
CIE _{LCh}	15, 48.845, 324.993
Y _{xy}	1.9114, 0.3004, 0.1441
Android (android.graphics.Color)	4282843470 (0xFF47014E)
YUV	30.7080, 23.3150, 35.3361
Hunter-Lab	13.8252, 27.2511, -21.9146

Details

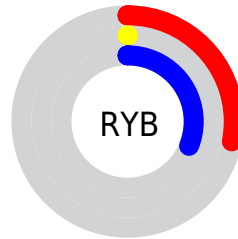
The Hex color **47014E** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **084E01**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **7A3880**, and **150021** is the 20% darker color. If you saturate the color by 10%, you get **47004E**, and if you desaturate by 10%, it is **48094E**.

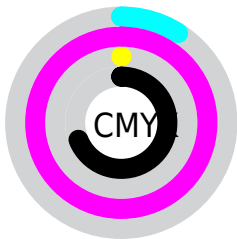
Distribution



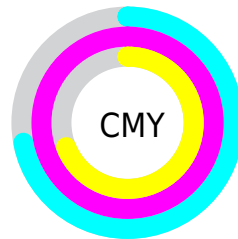
- Red (28%)
- Green (0%)
- Blue (31%)



- Red (28%)
- Yellow (0%)
- Blue (31%)



- Cyan (9%)
- Magenta (99%)
- Yellow (0%)
- Black (69%)



- Cyan (72%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47014E 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 47014E by changing the saturation by 10% instead.

 47014E

 47014E

 FFF3FF

 2F0037

 7A3880

 150021

 95519A

 000005

 B16AB5

 000000

 CD84D0

 EA9FED

 FFBAFF

 FFD7FF

 47014E

 47014E

■ 47004E

■ 48094E

■ 48114E

■ 49184E

■ 4A204E

■ 4B284E

■ 4B304E

■ 4C384E

■ 4D3F4E

■ 4D474E

Harmonies

Analogous

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



001F66



47014E



5C002D

Triad

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



47014E



352300



003342

Complementary

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



47014E



084E01

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.



00331F



47014E



122C00

Square

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



47014E



4D0F00



003000



00325F

Rectangle

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



47014E



5E0017



003000



003337

Sweetspot

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



47014E



634766



01094E



312133



B3B3B3



333333

Same Dimension

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



47014E



5D0066



4E012F



262226



D100E6

Inverse Universe

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



4E0108



660009



014E20



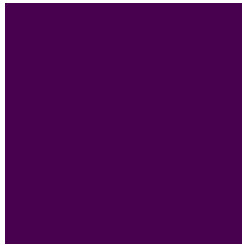
262223



E60015

Previews

White Background



This preview shows how the Hex color 47014E looks on a white background.

Color Contrast Check

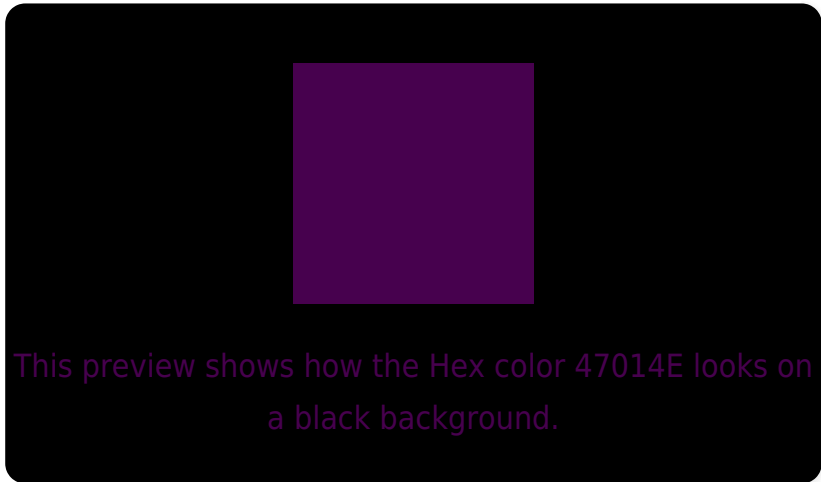
Large Text (above 18pt) WCAG AA ✓ Pass

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

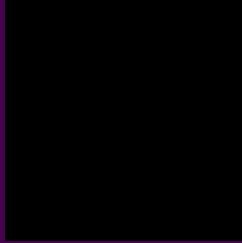
Any Text WCAG AA × Fail

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 47014E Background



This preview shows how black text looks on a background with the Hex color 47014E.



This preview shows how white text looks on a background with the Hex color 47014E.

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
47014E

Protanopia
002855

Deuteranopia
0F2A49



Tritanopia
411F21

Trichromacy



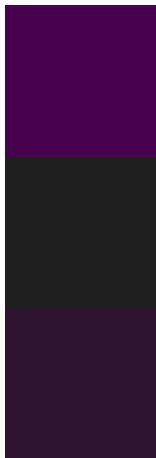
Original Color
47014E

Protanomaly
1A1A52

Deuteranomaly
231B4B

Tritanomaly
431431

Monochromacy



Original Color
47014E

Achromatopsia
1F1F1F

Achromatomaly
2E1430

CSS Examples

Text

The CSS property to change the color of the text to Hex 47014E 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 #47014E looks like.

```
.text, #text, p{  
    color:#47014E  
}
```

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 #47014E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47014E
}
```

Border

The CSS property to change the border of an element to Hex 47014E is called "border". The border property can be set on classes, ids or directly on the HTML element.

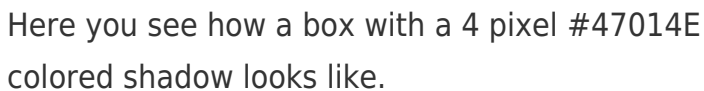
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47014E }
```

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

```
.border{ border-color:#47014E }
```

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



Here you see how a box with a 4 pixel #47014E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47014E; -webkit-box-shadow:4px 4px  
4px 4px #47014E; box-shadow:4px 4px 4px  
4px #47014E }
```

Background

The CSS property to change the background color of an element to Hex 47014E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47014E }
```

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

```
.background{ background-color:#47014E }
```

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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