

Converting Colors

Hex(00014E)

Have a look what the booklet for
Hex(00014E) contains.

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Color

Hex(00014E)

Conversions

Conversions Part 1

Format	Color
Hex	00014E
RGB	0, 1, 78
RGB Percent	0%, 0%, 31%
CMY	1.0000, 0.9961, 0.6941
CMYK	1.00, 0.99, 0.00, 0.69
HSL	239°, 100%, 15%
HSV	239°, 100%, 31%
XYZ	1.3860, 0.5718, 7.2450
YIQ	9.4790, -25.3130, 23.7350

Conversions

Conversions Part 2

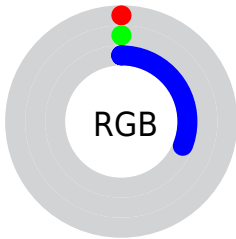
Format	Color
RYB	0, 1, 78
Decimal	334
CIELab	5.16, 30.93, -44.55
CIELCh	5, 54.236, 304.767
Yxy	0.5718, 0.1506, 0.0621
Android (android.graphics.Color)	4278190414 (0xFF00014E)
YUV	9.4790, 33.7809, -8.3131
Hunter-Lab	7.5615, 19.4857, -51.5154

Details

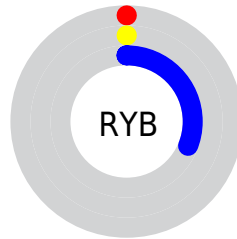
The Hex color **00014E** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4E4D00**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **3F2D80**, and **000220** is the 20% darker color. If you saturate the color by 10%, you get **00014E**, and if you desaturate by 10%, it is **08094E**.

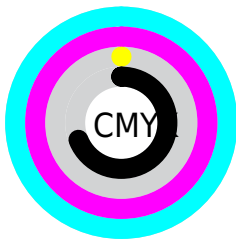
Distribution



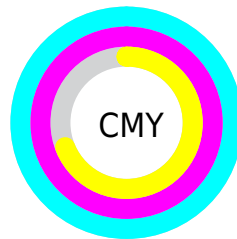
- Red (0%)
- Green (0%)
- Blue (31%)



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



- Cyan (100%)
- Magenta (99%)
- Yellow (0%)
- Black (69%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00014E 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 00014E by changing the saturation by 10% instead.

 00014E

 00014E

 FFE0FF

 000036

 3F2D80

 000220

 5A449B

 000004

 745BB6

 000000

 8F74D2

 AB8EEE

 C7A9FF

 E4C4FF

 00014E

■ 08094E

■ 10104E

■ 17184E

■ 1F204E

■ 27284E

■ 2F2F4E

■ 37374E

■ 3E3F4E

■ 46464E

Harmonies

Analogous

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



00175C



00014E



3C0031

Triad

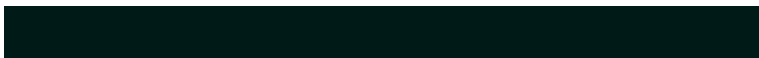
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00014E



2F0000



001B17

Complementary

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



00014E



4E4D00

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.



001B00



00014E



101300

Square

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



00014E



410000



001B00



001D3A

Rectangle

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



00014E



46001A



001B00



001B06

Sweetspot

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



00014E



474866



004E4D



212133



B3B3B3



333333

Same Dimension

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



00014E



000166



26004E



222226



0003E6

Inverse Universe

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



4E0001



660001



284E00



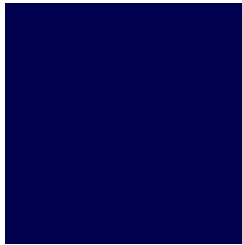
262222



E60003

Previews

White Background



This preview shows how the Hex color 00014E looks on a white background.

Color Contrast Check

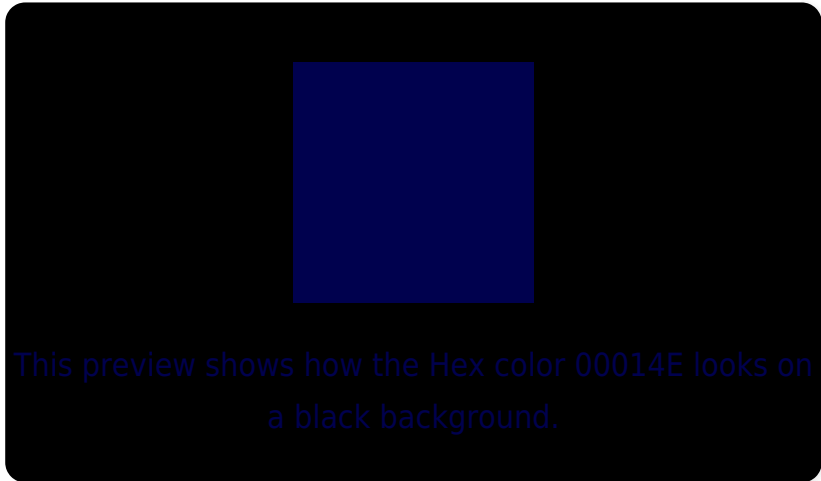
Large Text (above 18pt) WCAG AA ✓ Pass

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

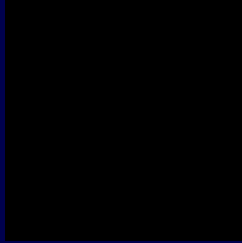
Any Text WCAG AA × Fail

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 00014E Background



This preview shows how black text looks on a background with the Hex color 00014E.



This preview shows how white text looks on a background with the Hex color 00014E.

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
00014E

Protanopia
001730

Deuteranopia
001828



Tritanopia
001A1B

Trichromacy



Original Color
00014E

Protanomaly
000F3B

Deuteranomaly
001036

Tritanomaly
00112E

Monochromacy



Original Color
00014E

Achromatopsia
090909

Achromatomaly
060622

CSS Examples

Text

The CSS property to change the color of the text to Hex 00014E 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 #00014E looks like.

```
.text, #text, p{  
    color:#00014E  
}
```

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 #00014E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00014E
}
```

Border

The CSS property to change the border of an element to Hex 00014E 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
#00014E }
```

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

```
.border{ border-color:#00014E }
```

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

Here you see how a box with a 4 pixel #00014E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00014E; -webkit-box-shadow:4px 4px  
4px 4px #00014E; box-shadow:4px 4px 4px  
4px #00014E }
```

Background

The CSS property to change the background color of an element to Hex 00014E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00014E }
```

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

```
.background{ background-color:#00014E }
```

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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