

Converting Colors

Hex(13004E)

Have a look what the booklet for
Hex(13004E) contains.

Hex(13004E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(13004E)

Conversions

Conversions Part 1

Format	Color
Hex	13004E
RGB	19, 0, 78
RGB Percent	7%, 0%, 31%
CMY	0.9255, 1.0000, 0.6941
CMYK	0.76, 1.00, 0.00, 0.69
HSL	255°, 100%, 15%
HSV	255°, 100%, 31%
XYZ	1.6437, 0.6885, 7.2540
YIQ	14.5730, -13.7140, 28.2860

Conversions

Conversions Part 2

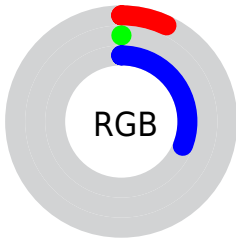
Format	Color
R_{YB}	19, 0, 78
Decimal	1245262
CIE _{Lab}	6.22, 33.53, -42.77
CIE _{LCh}	6, 54.344, 308.094
Yxy	0.6885, 0.1715, 0.0718
Android (android.graphics.Color)	4279435342 (0xFF13004E)
YUV	14.5730, 31.2695, 3.8825
Hunter-Lab	8.2976, 20.8388, -46.0245

Details

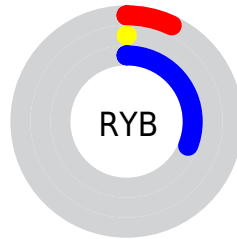
The Hex color **13004E** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3B4E00**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **4A2C80**, and **000220** is the 20% darker color. If you saturate the color by 10%, you get **13004E**, and if you desaturate by 10%, it is **19084E**.

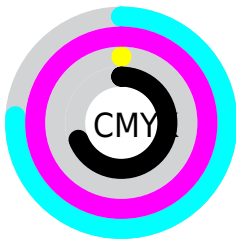
Distribution



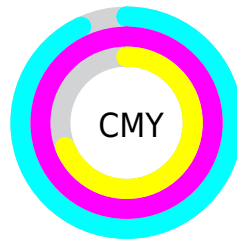
- Red (7%)
- Green (0%)
- Blue (31%)



- Red (7%)
- Yellow (0%)
- Blue (31%)



- Cyan (76%)
- Magenta (100%)
- Yellow (0%)
- Black (69%)



- Cyan (93%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13004E 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 13004E by changing the saturation by 10% instead.

 13004E

 13004E

 FFE1FF

 000037

 4A2C80

 000220

 64439B

 000004

 7E5CB6

 000000

 9A75D2

 B58FEE

 D2A9FF

 EFC5FF

 13004E

■ 19084E

■ 1F104E

■ 25174E

■ 2B1F4E

■ 31274E

■ 362F4E

■ 3C374E

■ 423E4E

■ 48464E

Harmonies

Analogous

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



00185E



13004E



41002F

Triad

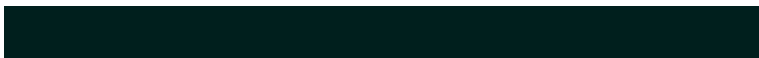
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13004E



2F0500



001F1D

Complementary

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



13004E



3B4E00

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.



001E00



13004E



0E1700

Square

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



13004E



420000



001E00



002140

Rectangle

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



13004E



4A0018



001E00



001E10

Sweetspot

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



13004E



4F4766



003C4E



252133



B3B3B3



333333

Same Dimension

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



13004E



190066



39004E



232226



3800E6

Inverse Universe

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



4E003B



66004D



154E00



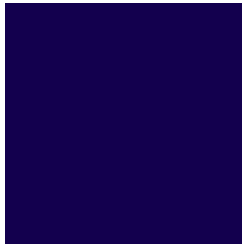
262225



E600AE

Previews

White Background



This preview shows how the Hex color 13004E looks on a white background.

Color Contrast Check

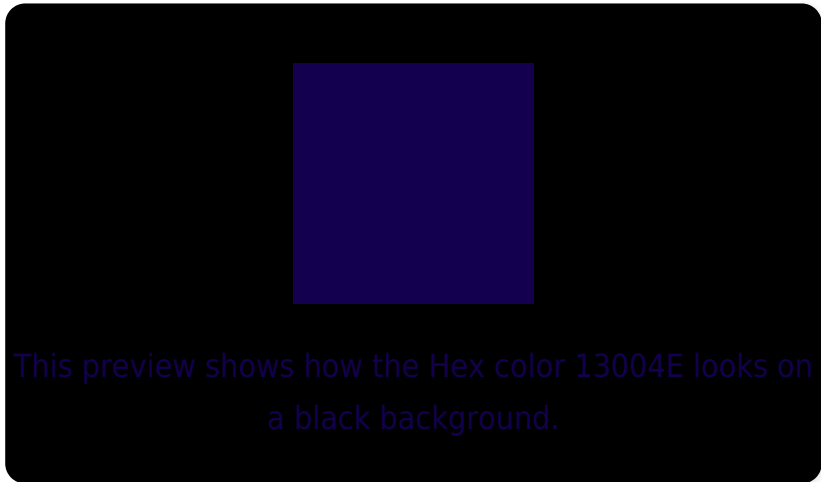
Large Text (above 18pt) WCAG AA ✓ Pass

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

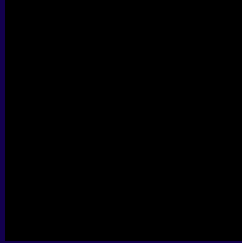
Any Text WCAG AA × Fail

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 13004E Background



This preview shows how black text looks on a background with the Hex color 13004E.



This preview shows how white text looks on a background with the Hex color 13004E.

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
13004E

Protanopia
001833

Deuteranopia
001A2B



Tritanopia
001C1D

Trichromacy



Original Color
13004E

Protanomaly
070F3D

Deuteranomaly
071138

Tritanomaly
07122F

Monochromacy



Original Color
13004E

Achromatopsia
0F0F0F

Achromatomaly
100A26

CSS Examples

Text

The CSS property to change the color of the text to Hex 13004E 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 #13004E looks like.

```
.text, #text, p{  
    color:#13004E  
}
```

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 #13004E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13004E
}
```

Border

The CSS property to change the border of an element to Hex 13004E is called "border". The border property can be set on classes, ids or directly on the HTML element.

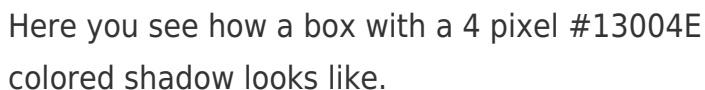
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#13004E }
```

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

```
.border{ border-color:#13004E }
```

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



Here you see how a box with a 4 pixel #13004E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13004E; -webkit-box-shadow:4px 4px  
4px 4px #13004E; box-shadow:4px 4px 4px  
4px #13004E }
```

Background

The CSS property to change the background color of an element to Hex 13004E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13004E }
```

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

```
.background{ background-color:#13004E }
```

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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