

Converting Colors

Hex(00084E)

Have a look what the booklet for
Hex(00084E) contains.

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Color

Hex(00084E)

Conversions

Conversions Part 1

Format	Color
Hex	00084E
RGB	0, 8, 78
RGB Percent	0%, 3%, 31%
CMY	1.0000, 0.9686, 0.6941
CMYK	1.00, 0.90, 0.00, 0.69
HSL	234°, 100%, 15%
HSV	234°, 100%, 31%
XYZ	1.4620, 0.7237, 7.2704
YIQ	13.5880, -27.2380, 20.0740

Conversions

Conversions Part 2

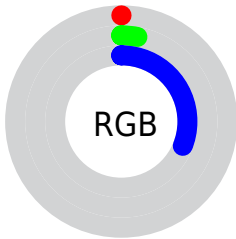
Format	Color
RYB	0, 7, 78
Decimal	2126
CIELab	6.54, 27.20, -42.28
CIELCh	7, 50.277, 302.757
Yxy	0.7237, 0.1546, 0.0765
Android (android.graphics.Color)	4278192206 (0xFF00084E)
YUV	13.5880, 31.7551, -11.9167
Hunter-Lab	8.5072, 15.7880, -44.7150

Details

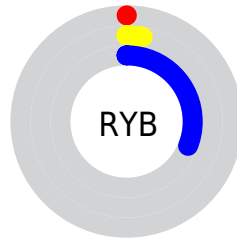
The Hex color **00084E** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4E4600**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **3F3280**, and **000220** is the 20% darker color. If you saturate the color by 10%, you get **00084E**, and if you desaturate by 10%, it is **080F4E**.

Distribution



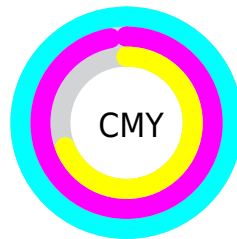
- Red (0%)
- Green (3%)
- Blue (31%)



- Red (0%)
- Yellow (3%)
- Blue (31%)



- Cyan (100%)
- Magenta (90%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (97%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00084E 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 00084E by changing the saturation by 10% instead.

00084E

00084E

FFE7FF

000037

3F3280

000220

59499A

000004

7461B6

000000

8F7AD1

AA94EE

C6AFFF

E3CBFF

00084E

■ 080F4E

■ 10164E

■ 171D4E

■ 1F244E

■ 272B4E

■ 2F324E

■ 37394E

■ 3E404E

■ 46474E

Harmonies

Analogous

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



001A59



00084E



3B0034

Triad

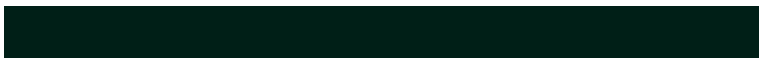
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00084E



320300



001F17

Complementary

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



00084E



4E4600

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.



001F00



00084E



181500

Square

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



00084E



430000



001F00



002138

Rectangle

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



00084E



46001E



001F00



001F07

Sweetspot

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



00084E



474B66



004E45



212333



B3B3B3



333333

Same Dimension

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



00084E



000A66



1E004E



222326



0018E6

Inverse Universe

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



4E0008



66000A



304E00



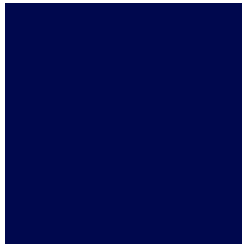
262223



E60018

Previews

White Background



This preview shows how the Hex color 00084E looks on a white background.

Color Contrast Check

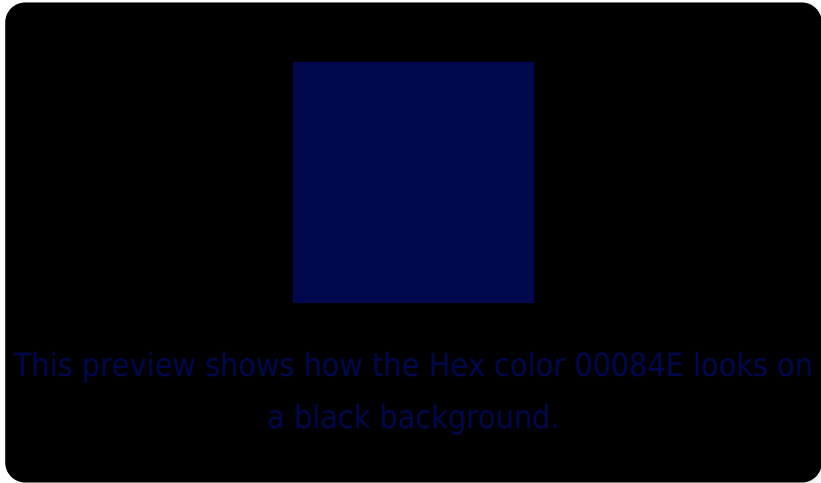
Large Text (above 18pt) WCAG AA ✓ Pass

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

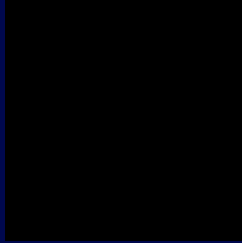
Any Text WCAG AA × Fail

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 00084E Background



This preview shows how black text looks on a background with the Hex color 00084E.



This preview shows how white text looks on a background with the Hex color 00084E.

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
00084E

Protanopia
001731

Deuteranopia
00192A



Tritanopia
001B1C

Trichromacy



Original Color
00084E

Protanomaly
00123C

Deuteranomaly
001337

Tritanomaly
00142E

Monochromacy



Original Color
00084E

Achromatopsia
0E0E0E

Achromatomaly
090C25

CSS Examples

Text

The CSS property to change the color of the text to Hex 00084E 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 #00084E looks like.

```
.text, #text, p{  
    color:#00084E  
}
```

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 #00084E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00084E
}
```

Border

The CSS property to change the border of an element to Hex 00084E is called "border". The border property can be set on classes, ids or directly on the HTML element.

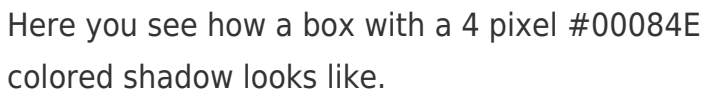
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00084E }
```

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

```
.border{ border-color:#00084E }
```

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



Here you see how a box with a 4 pixel #00084E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00084E; -webkit-box-shadow:4px 4px  
4px 4px #00084E; box-shadow:4px 4px 4px  
4px #00084E }
```

Background

The CSS property to change the background color of an element to Hex 00084E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00084E }
```

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

```
.background{ background-color:#00084E }
```

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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