

Converting Colors

Hex(00234E)

Have a look what the booklet for
Hex(00234E) contains.

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Color

Hex(00234E)

Conversions

Conversions Part 1

Format	Color
Hex	00234E
RGB	0, 35, 78
RGB Percent	0%, 14%, 31%
CMY	1.0000, 0.8627, 0.6941
CMYK	1.00, 0.55, 0.00, 0.69
HSL	213°, 100%, 15%
HSV	213°, 100%, 31%
XYZ	1.9762, 1.7521, 7.4418
YIQ	29.4370, -34.6630, 5.9530

Conversions

Conversions Part 2

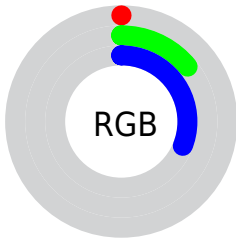
Format	Color
RYB	0, 24, 78
Decimal	9038
CIELab	14.13, 7.62, -29.83
CIELCh	14, 30.784, 284.338
Yxy	1.7521, 0.1769, 0.1569
Android (android.graphics.Color)	4278199118 (0xFF00234E)
YUV	29.4370, 23.9416, -25.8162
Hunter-Lab	13.2368, 3.4847, -24.0673

Details

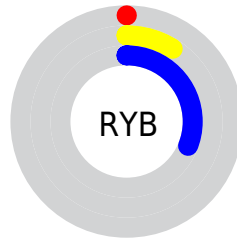
The Hex color **00234E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4E2B00**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **3C4F80**, and **000221** is the 20% darker color. If you saturate the color by 10%, you get **00234E**, and if you desaturate by 10%, it is **08274E**.

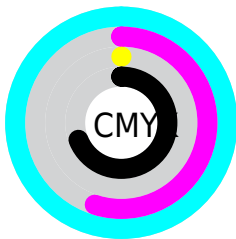
Distribution



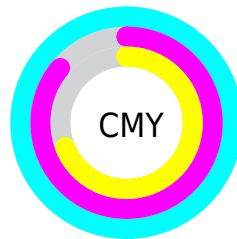
- Red (0%)
- Green (14%)
- Blue (31%)



- Red (0%)
- Yellow (9%)
- Blue (31%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (86%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00234E 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 00234E by changing the saturation by 10% instead.

 00234E

 00234E

 FBFFFF

 000D37

 3C4F80

 000221

 56679A

 000006

 7080B5

 000000

 8A9AD0

 A6B4ED

 C1D0FF

 DEECFF

 00234E

■ 08274E

■ 102C4E

■ 17304E

■ 1F344E

■ 27394E

■ 2F3D4E

■ 37414E

■ 3E454E

■ 464A4E

Harmonies

Analogous

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



002A4E



00234E



311943

Triad

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



00234E



441400



002D17

Complementary

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



00234E



4E2B00

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.



0C2A00



00234E



371F00

Square

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



00234E



490B1B



252600



002D2E

Rectangle

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



00234E



401137



252600



002C10

Sweetspot

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



00234E



475566



004E2B



212933



B3B3B3



333333

Same Dimension

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



00234E



002E66



04004E



222426



0067E6

Inverse Universe

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



4E0023



66002E



4A4E00



262224



E60067

Previews

White Background



This preview shows how the Hex color 00234E looks on a white background.

Color Contrast Check

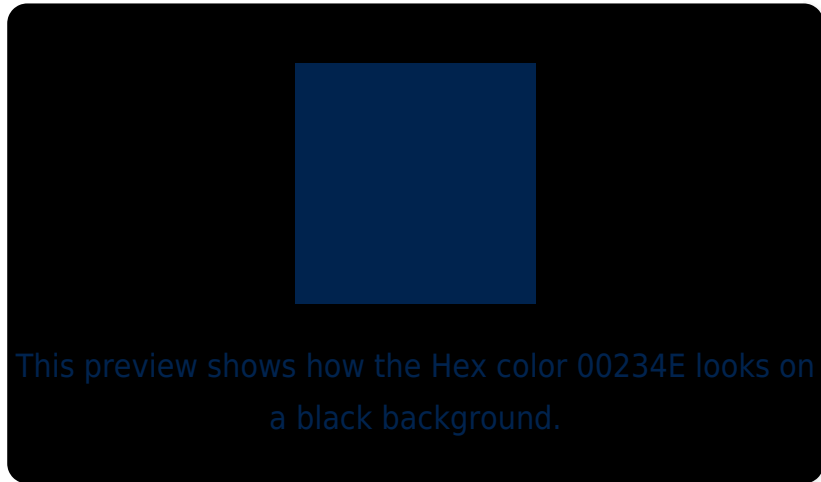
Large Text (above 18pt) WCAG AA ✓ Pass

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 00234E Background



This preview shows how black text looks on a background with the Hex color 00234E.



This preview shows how white text looks on a background with the Hex color 00234E.

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
00234E

Protanopia
00244C

Deuteranopia
002641

Trichromacy



Original Color
00234E

Protanomaly
00244D

Deuteranomaly
002546

Tritanomaly
002738

Monochromacy



Original Color
00234E

Achromatopsia
1D1D1D

Achromatomaly
121F2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00234E 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 #00234E looks like.

```
.text, #text, p{  
    color:#00234E  
}
```

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 #00234E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00234E
}
```

Border

The CSS property to change the border of an element to Hex 00234E is called "border". The border property can be set on classes, ids or directly on the HTML element.

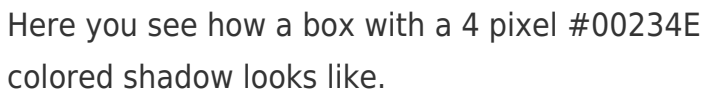
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00234E }
```

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

```
.border{ border-color:#00234E }
```

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



Here you see how a box with a 4 pixel #00234E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00234E; -webkit-box-shadow:4px 4px  
4px 4px #00234E; box-shadow:4px 4px 4px  
4px #00234E }
```

Background

The CSS property to change the background color of an element to Hex 00234E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00234E }
```

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

```
.background{ background-color:#00234E }
```

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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