

Converting Colors

Hex(002446)

Have a look what the booklet for
Hex(002446) contains.

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Color

Hex(002446)

Conversions

Conversions Part 1

Format	Color
Hex	002446
RGB	0, 36, 70
RGB Percent	0%, 14%, 27%
CMY	1.0000, 0.8588, 0.7255
CMYK	1.00, 0.49, 0.00, 0.73
HSL	209°, 100%, 14%
HSV	209°, 100%, 27%
XYZ	1.7364, 1.7039, 6.0317
YIQ	29.1120, -32.3700, 2.9420

Conversions

Conversions Part 2

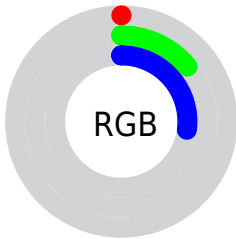
Format	Color
RYB	0, 24, 70
Decimal	9286
CIELab	13.85, 3.02, -24.78
CIELCh	14, 24.960, 276.954
Yxy	1.7039, 0.1833, 0.1799
Android (android.graphics.Color)	4278199366 (0xFF002446)
YUV	29.1120, 20.1578, -25.5312
Hunter-Lab	13.0535, 0.9002, -18.2590

Details

The Hex color **002446** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **462200**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **395077**, and **00011A** is the 20% darker color. If you saturate the color by 10%, you get **002446**, and if you desaturate by 10%, it is **072746**.

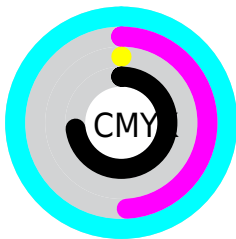
Distribution



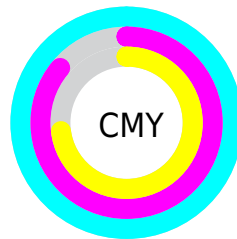
- Red (0%)
- Green (14%)
- Blue (27%)



- Red (0%)
- Yellow (9%)
- Blue (27%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (86%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Hex color 002446 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 002446 by changing the saturation by 10% instead.

 002446

 002446

 F6FFFF

 000E2F


 395077

 00011A

 526890

 000000

 6C81AB

 869BC6

 A1B6E3

 BDD1FF

 D9EEFF

 002446

■ 072746

■ 0E2B46

■ 152E46

■ 1C3246

■ 233546

■ 2A3846

■ 313C46

■ 383F46

■ 3F4346

Harmonies

Analogous

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



002943



002446



291D3F

Triad

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



002446



40160E



002B15

Complementary

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



002446



462200

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.



172800



002446



371D00

Square

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



002446



421220



2A2400



002B27

Rectangle

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



002446



371837



2A2400



032A0F

Sweetspot

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



002446



404E5C



004622



1D262E



ADADAD



2E2E2E

Same Dimension

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



002446



002F5C



000146



202224



003363



0075E3

Inverse Universe

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



460024



5C002F



464500



242022



630033



E30075

Previews

White Background



This preview shows how the Hex color 002446 looks on a white background.

Color Contrast Check

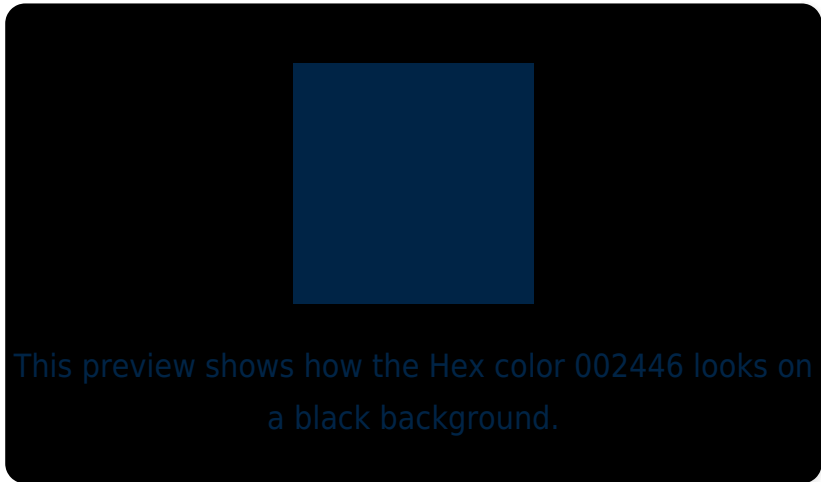
Large Text (above 18pt) WCAG AA ✓ Pass

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

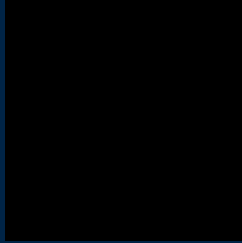
Any Text WCAG AA × Fail

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 002446 Background



This preview shows how black text looks on a background with the Hex color 002446.



This preview shows how white text looks on a background with the Hex color 002446.

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
002446

Protanopia
112345

Deuteranopia
002541



Tritanopia
00282B

Trichromacy



Original Color
002446

Protanomaly
0B2345

Deuteranomaly
002543

Tritanomaly
002735

Monochromacy



Original Color
002446

Achromatopsia
1D1D1D

Achromatomaly
12202C

CSS Examples

Text

The CSS property to change the color of the text to Hex 002446 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 #002446 looks like.

```
.text, #text, p{  
    color:#002446  
}
```

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 #002446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002446
}
```

Border

The CSS property to change the border of an element to Hex 002446 is called "border". The border property can be set on classes, ids or directly on the HTML element.

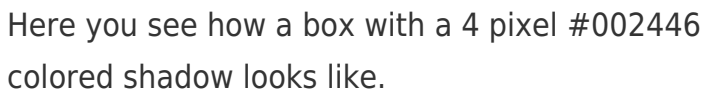
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#002446 }
```

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

```
.border{ border-color:#002446 }
```

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



Here you see how a box with a 4 pixel #002446 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002446; -webkit-box-shadow:4px 4px  
4px 4px #002446; box-shadow:4px 4px 4px  
4px #002446 }
```

Background

The CSS property to change the background color of an element to Hex 002446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002446 }
```

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

```
.background{ background-color:#002446 }
```

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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