

Converting Colors

Hex(002E96)

Have a look what the booklet for
Hex(002E96) contains.

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Color

Hex(002E96)

Conversions

Conversions Part 1

Format	Color
Hex	002E96
RGB	0, 46, 150
RGB Percent	0%, 18%, 59%
CMY	1.0000, 0.8196, 0.4118
CMYK	1.00, 0.69, 0.00, 0.41
HSL	222°, 100%, 29%
HSV	222°, 100%, 59%
XYZ	6.4820, 4.1560, 29.3147
YIQ	44.1020, -60.8000, 22.5920

Conversions

Conversions Part 2

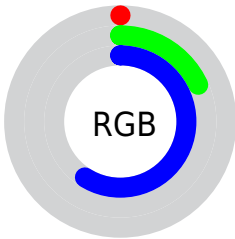
Format	Color
R_{YB}	0, 35, 150
Decimal	11926
CIE _{Lab}	24.18, 31.09, -59.87
CIE _{LCh}	24, 67.457, 297.443
Yxy	4.1560, 0.1622, 0.1040
Android (android.graphics.Color)	4278202006 (0xFF002E96)
YUV	44.1020, 52.2077, -38.6775
Hunter-Lab	20.3863, 21.0799, -70.9865

Details

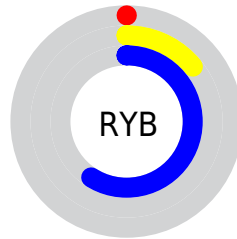
The Hex color **002E96** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **966800**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **565CCD**, and **000462** is the 20% darker color. If you saturate the color by 10%, you get **002E96**, and if you desaturate by 10%, it is **0F3896**.

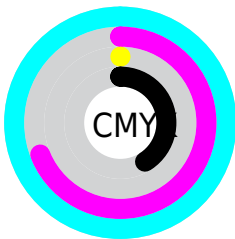
Distribution



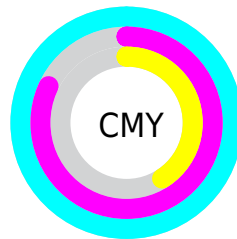
- Red (0%)
- Green (18%)
- Blue (59%)



- Red (0%)
- Yellow (14%)
- Blue (59%)



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (82%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002E96 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 002E96 by changing the saturation by 10% instead.

■ 002E96

■ 002E96

FFFFFF

■ 001A7B

■ 565CCD

■ 000462

■ 7374EA

■ 000449

■ 918EFF

■ 000432

■ AEA8FF

■ 00011C

■ CBC3FF

■ 000000

■ E9DFFF

■ FFFCFF

■ 002E96

■ 0F3896

■ 1E4396

■ 2D4D96

■ 3C5896

■ 4B6296

■ 5A6C96

■ 697796

■ 788196

■ 878C96

Harmonies

Analogous

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



0043A2



002E96



6E0071

Triad

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



002E96



701A00



004B34

Complementary

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



002E96



966800

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.



004900



002E96



4B3700

Square

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



002E96



88000F



144300



004C68

Rectangle

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



002E96



840051



144300



004B21

Sweetspot

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



002E96



8899C2



009667



3E4961



E0E0E0



616161

Same Dimension

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



002E96



003BC2



1C0096



43454A



002A8A



00030A

Inverse Universe

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



96002E



C2003B



7B9600



4A4345



8A002A



0A0003

Previews

White Background



This preview shows how the Hex color 002E96 looks on a white background.

Color Contrast Check

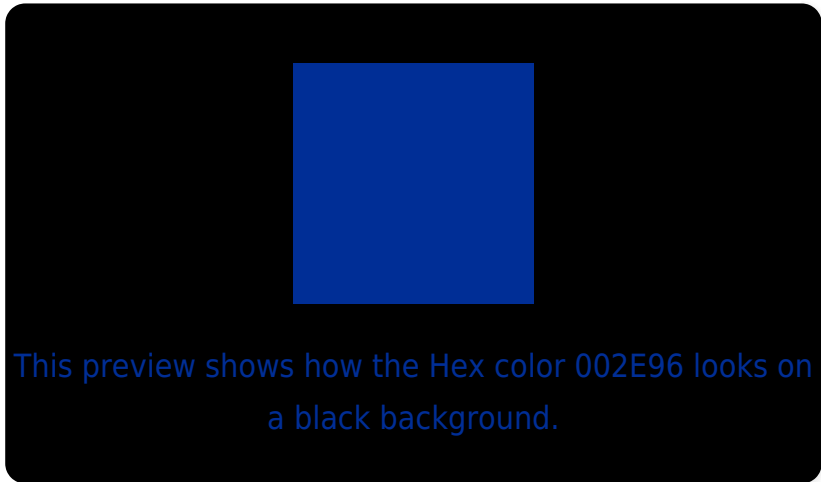
Large Text (above 18pt) WCAG AA ✓ Pass

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

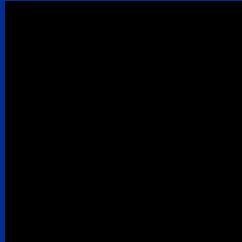
Any Text WCAG AA × Fail

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 002E96 Background



This preview shows how black text looks on a background with the Hex color 002E96.



This preview shows how white text looks on a background with the Hex color 002E96.

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
002E96

Protanopia
003876

Deuteranopia
003C65

Trichromacy



Original Color
002E96

Protanomaly
003482

Deuteranomaly
003777

Tritanomaly
003A62

Monochromacy



Original Color
002E96

Achromatopsia
2C2C2C

Achromatomaly
1C2D53

CSS Examples

Text

The CSS property to change the color of the text to Hex 002E96 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 #002E96 looks like.

```
.text, #text, p{  
    color:#002E96  
}
```

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 #002E96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002E96
}
```

Border

The CSS property to change the border of an element to Hex 002E96 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".

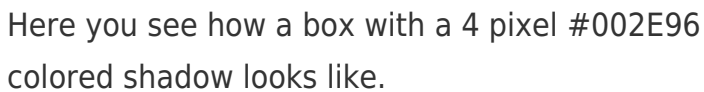
```
.border, #border, table{ border:4px solid
#002E96 }
```

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

```
.border{ border-color:#002E96 }
```

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

Here you see how a box with a 4 pixel #002E96 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002E96; -webkit-box-shadow:4px 4px  
4px 4px #002E96; box-shadow:4px 4px 4px  
4px #002E96 }
```

Background

The CSS property to change the background color of an element to Hex 002E96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002E96 }
```

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

```
.background{ background-color:#002E96 }
```

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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