

Converting Colors

Hex(002E9F)

Have a look what the booklet for
Hex(002E9F) contains.

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Color

Hex(002E9F)

Conversions

Conversions Part 1

Format	Color
Hex	002E9F
RGB	0, 46, 159
RGB Percent	0%, 18%, 62%
CMY	1.0000, 0.8196, 0.3765
CMYK	1.00, 0.71, 0.00, 0.38
HSL	223°, 100%, 31%
HSV	223°, 100%, 62%
XYZ	7.2350, 4.4572, 33.2799
YIQ	45.1280, -63.6890, 25.3910

Conversions

Conversions Part 2

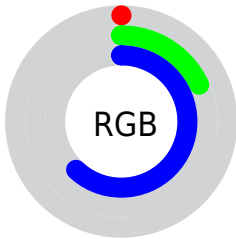
Format	Color
RYB	0, 36, 159
Decimal	11935
CIELab	25.13, 34.62, -63.81
CIELCh	25, 72.598, 298.485
Yxy	4.4572, 0.1609, 0.0991
Android (android.graphics.Color)	4278202015 (0xFF002E9F)
YUV	45.1280, 56.1389, -39.5773
Hunter-Lab	21.1121, 24.2250, -78.6830

Details

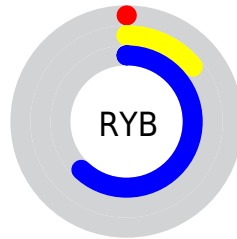
The Hex color **002E9F** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9F7100**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **595CD7**, and **00066A** is the 20% darker color. If you saturate the color by 10%, you get **002E9F**, and if you desaturate by 10%, it is **10399F**.

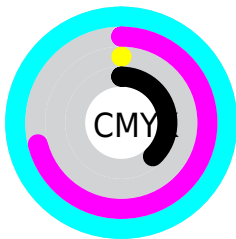
Distribution



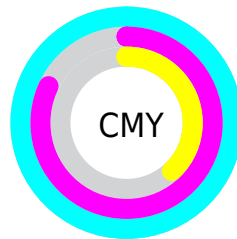
- Red (0%)
- Green (18%)
- Blue (62%)



- Red (0%)
- Yellow (14%)
- Blue (62%)



- Cyan (100%)
- Magenta (71%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (82%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002E9F 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 002E9F by changing the saturation by 10% instead.

■ 002E9F

FFFFFF

■ 595CD7

■ 7775F4

■ 958EFF

■ B2A9FF

■ D0C4FF

■ EEE0FF

■ FFFDFF

■ 002E9F

■ 002E9F

■ 001984

■ 00066A

■ 000051

■ 000539

■ 000223

■ 000009

■ 000000

■ 10399F

■ 20459F

■ 30509F

■ 405B9F

■ 50669F

■ 5F729F

■ 6F7D9F

■ 7F889F

■ 8F949F

Harmonies

Analogous

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



0046AD



002E9F



760076

Triad

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



002E9F



751A00



004E37

Complementary

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



002E9F



9F7100

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.



004C00



002E9F



4D3900

Square

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



002E9F



8F000B



0A4700



005070

Rectangle

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



002E9F



8D0053



0A4700



004E24

Sweetspot

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



002E9F



91A3CF



009F6F



434E69



E8E8E8



696969

Same Dimension

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



002E9F



003CCF



20009F



47494F



00298F



00040F

Inverse Universe

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



9F002E



CF003C



7F9F00



4F4749



8F0029



0F0004

Previews

White Background



This preview shows how the Hex color 002E9F looks on a white background.

Color Contrast Check

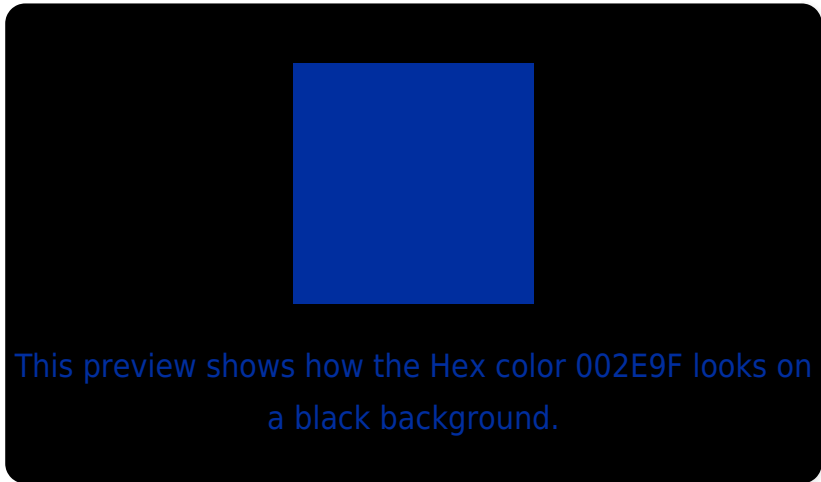
Large Text (above 18pt) WCAG AA ✓ Pass

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

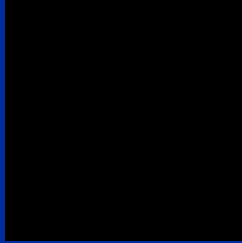
Any Text WCAG AA × Fail

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 002E9F Background



This preview shows how black text looks on a background with the Hex color 002E9F.



This preview shows how white text looks on a background with the Hex color 002E9F.

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
002E9F

Protanopia
003A7A

Deuteranopia
003E68

Trichromacy



Original Color
002E9F

Protanomaly
003687

Deuteranomaly
00387C

Tritanomaly
003B66

Monochromacy



Original Color
002E9F

Achromatopsia
2D2D2D

Achromatomaly
1D2D56

CSS Examples

Text

The CSS property to change the color of the text to Hex 002E9F 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 #002E9F looks like.

```
.text, #text, p{  
    color:#002E9F  
}
```

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 #002E9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002E9F
}
```

Border

The CSS property to change the border of an element to Hex 002E9F 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
#002E9F }
```

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

```
.border{ border-color:#002E9F }
```

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

Here you see how a box with a 4 pixel #002E9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002E9F; -webkit-box-shadow:4px 4px  
4px 4px #002E9F; box-shadow:4px 4px 4px  
4px #002E9F }
```

Background

The CSS property to change the background color of an element to Hex 002E9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002E9F }
```

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

```
.background{ background-color:#002E9F }
```

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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