

Converting Colors

Hex(002D9E)

Have a look what the booklet for
Hex(002D9E) contains.

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Color

Hex(002D9E)

Conversions

Conversions Part 1

Format	Color
Hex	002D9E
RGB	0, 45, 158
RGB Percent	0%, 18%, 62%
CMY	1.0000, 0.8235, 0.3804
CMYK	1.00, 0.72, 0.00, 0.38
HSL	223°, 100%, 31%
HSV	223°, 100%, 62%
XYZ	7.1099, 4.3454, 32.8118
YIQ	44.4270, -63.0930, 25.6030

Conversions

Conversions Part 2

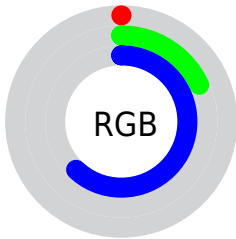
Format	Color
RYB	0, 35, 158
Decimal	11678
CIELab	24.78, 34.89, -63.77
CIELCh	25, 72.694, 298.683
Yxy	4.3454, 0.1606, 0.0982
Android (android.graphics.Color)	4278201758 (0xFF002D9E)
YUV	44.4270, 55.9915, -38.9625
Hunter-Lab	20.8456, 24.4023, -78.7327

Details

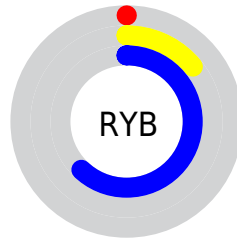
The Hex color **002D9E** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9E7100**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **585BD6**, and **000469** is the 20% darker color. If you saturate the color by 10%, you get **002D9E**, and if you desaturate by 10%, it is **10389E**.

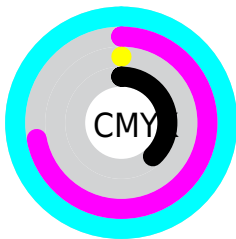
Distribution



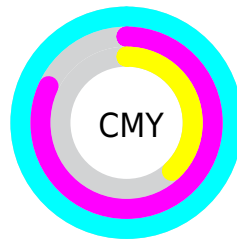
- Red (0%)
- Green (18%)
- Blue (62%)



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



- Cyan (100%)
- Magenta (72%)
- Yellow (0%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 002D9E 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 002D9E by changing the saturation by 10% instead.

■ 002D9E

■ 002D9E

FFFFFF

■ 001883

■ 585BD6

■ 000469

■ 7773F3

■ 000150

■ 948DFF

■ 000538

■ B2A8FF

■ 000222

■ D0C3FF

■ 000007

■ EEDFFF

■ 000000

■ FFFBFF

■ 002D9E

■ 10389E

■ 20449E

■ 2F4F9E

■ 3F5A9E

■ 4F669E

■ 5F719E

■ 6F7C9E

■ 7E879E

■ 8E939E

Harmonies

Analogous

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



0045AC



002D9E



750075

Triad

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



002D9E



741900



004E37

Complementary

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



002D9E



9E7100

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.



004B00



002D9E



4B3900

Square

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



002D9E



8E0009



074600



004F6F

Rectangle

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



002D9E



8C0052



074600



004D23

Sweetspot

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



002D9E



91A2CF



009E6F



434E69



E8E8E8



696969

Same Dimension

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



002D9E



003BCF



20009E



47494F



00298F



00040F

Inverse Universe

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



9E002D



CF003B



7E9E00



4F4749



8F0029



0F0004

Previews

White Background



This preview shows how the Hex color 002D9E looks on a white background.

Color Contrast Check

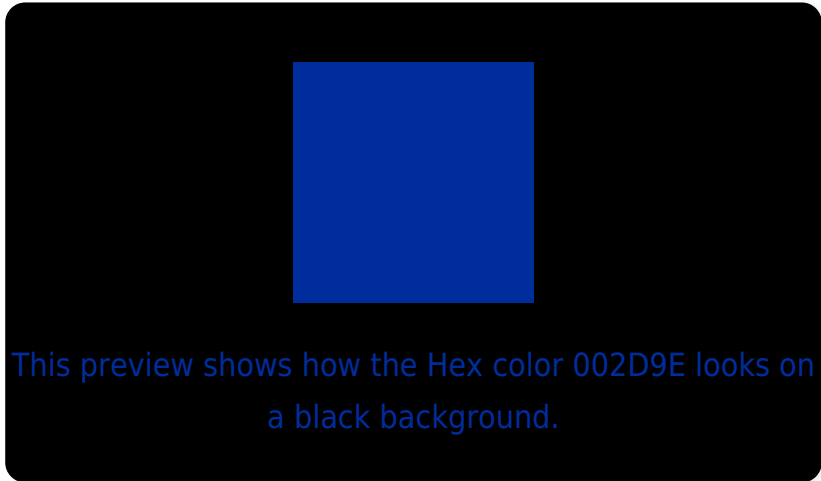
Large Text (above 18pt) WCAG AA ✓ Pass

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

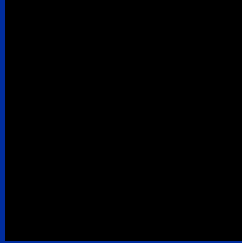
Any Text WCAG AA × Fail

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 002D9E Background



This preview shows how black text looks on a background with the Hex color 002D9E.

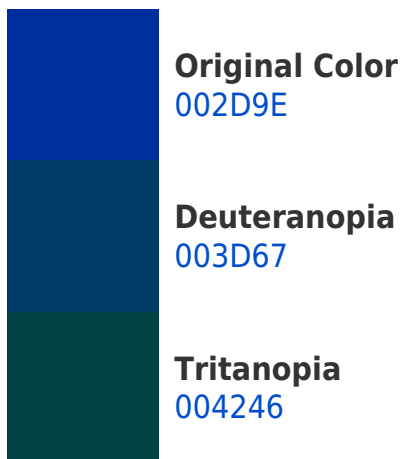


This preview shows how white text looks on a background with the Hex color 002D9E.

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



Trichromacy



Original Color
002D9E

Deuteranomaly
00377B

Tritanomaly
003A66

Monochromacy



Original Color
002D9E

Achromatopsia
2C2C2C

Achromatomaly
1C2C55

CSS Examples

Text

The CSS property to change the color of the text to Hex 002D9E 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 #002D9E looks like.

```
.text, #text, p{  
    color:#002D9E  
}
```

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 #002D9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002D9E
}
```

Border

The CSS property to change the border of an element to Hex 002D9E 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
#002D9E }
```

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

```
.border{ border-color:#002D9E }
```

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

Here you see how a box with a 4 pixel #002D9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002D9E; -webkit-box-shadow:4px 4px  
4px 4px #002D9E; box-shadow:4px 4px 4px  
4px #002D9E }
```

Background

The CSS property to change the background color of an element to Hex 002D9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002D9E }
```

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

```
.background{ background-color:#002D9E }
```

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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