

Converting Colors

Hex(002D91)

Have a look what the booklet for
Hex(002D91) contains.

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Color

Hex(002D91)

Conversions

Conversions Part 1

Format	Color
Hex	002D91
RGB	0, 45, 145
RGB Percent	0%, 18%, 57%
CMY	1.0000, 0.8235, 0.4314
CMYK	1.00, 0.69, 0.00, 0.43
HSL	221°, 100%, 28%
HSV	221°, 100%, 57%
XYZ	6.0492, 3.9211, 27.2261
YIQ	42.9450, -58.9200, 21.5600

Conversions

Conversions Part 2

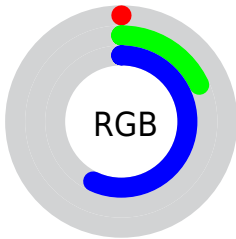
Format	Color
RYB	0, 34, 145
Decimal	11665
CIELab	23.41, 29.76, -58.05
CIELCh	23, 65.239, 297.143
Yxy	3.9211, 0.1626, 0.1054
Android (android.graphics.Color)	4278201745 (0xFF002D91)
YUV	42.9450, 50.3131, -37.6628
Hunter-Lab	19.8018, 19.8766, -67.6584

Details

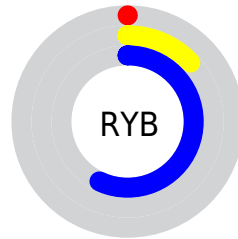
The Hex color **002D91** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **916400**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **545AC8**, and **00025D** is the 20% darker color. If you saturate the color by 10%, you get **002D91**, and if you desaturate by 10%, it is **0E3791**.

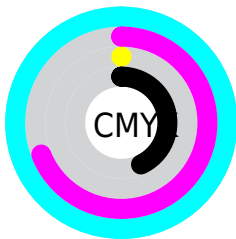
Distribution



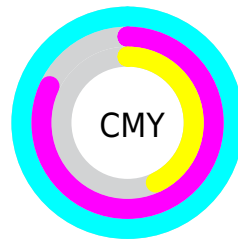
- Red (0%)
- Green (18%)
- Blue (57%)



- Red (0%)
- Yellow (13%)
- Blue (57%)



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (82%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002D91 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 002D91 by changing the saturation by 10% instead.

002D91

002D91

FFFFFF

001977

545AC8

00025D

7273E4

000745

8F8CFF

00032D

ACA7FF

000118

C9C2FF

000000

E7DEFF

FFFBFF

002D91

■ 0E3791

■ 1D4191

■ 2C4B91

■ 3A5591

■ 495F91

■ 576991

■ 667391

■ 747D91

■ 838791

Harmonies

Analogous

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



00419C



002D91



6A006E

Triad

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



002D91



6D1900



004932

Complementary

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



002D91



916400

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.



004700



002D91



4A3500

Square

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



002D91



83000F



154100



004A64

Rectangle

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



002D91



80004F



154100



004820

Sweetspot

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



002D91



8496BD



009163



3C475E



DEDEDE



5E5E5E

Same Dimension

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



002D91



003BBD



1B0091



404247



002A87



000208

Inverse Universe

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



91002D



BD003B



769100



474042



87002A



080002

Previews

White Background



This preview shows how the Hex color 002D91 looks on a white background.

Color Contrast Check

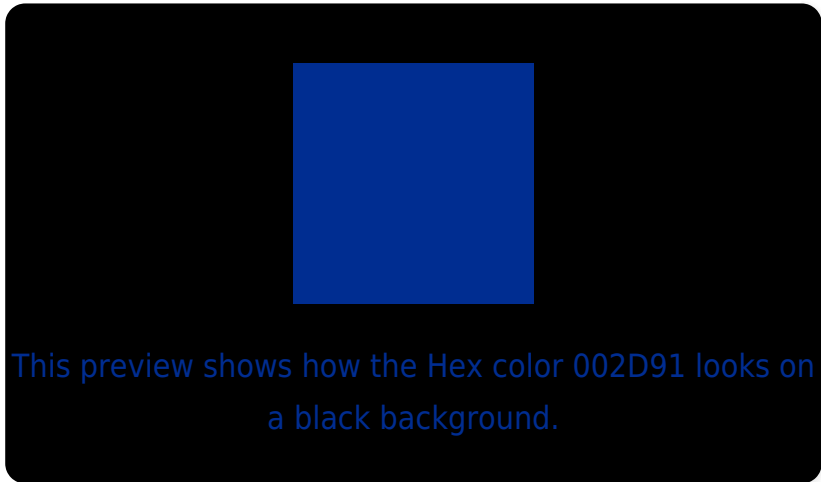
Large Text (above 18pt) WCAG AA ✓ Pass

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

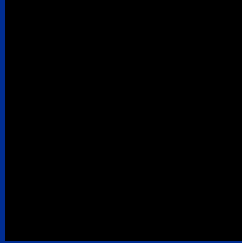
Any Text WCAG AA × Fail

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 002D91 Background



This preview shows how black text looks on a background with the Hex color 002D91.



This preview shows how white text looks on a background with the Hex color 002D91.

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
002D91

Protanopia
003773

Deuteranopia
003A62



Tritanopia
003F42

Trichromacy



Original Color
002D91

Protanomaly
00337E

Deuteranomaly
003573

Tritanomaly
00385F

Monochromacy



Original Color
002D91

Achromatopsia
2B2B2B

Achromatomaly
1B2C50

CSS Examples

Text

The CSS property to change the color of the text to Hex 002D91 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 #002D91 looks like.

```
.text, #text, p{  
    color:#002D91  
}
```

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 #002D91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002D91
}
```

Border

The CSS property to change the border of an element to Hex 002D91 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
#002D91 }
```

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

```
.border{ border-color:#002D91 }
```

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

Here you see how a box with a 4 pixel #002D91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002D91; -webkit-box-shadow:4px 4px  
4px 4px #002D91; box-shadow:4px 4px 4px  
4px #002D91 }
```

Background

The CSS property to change the background color of an element to Hex 002D91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002D91 }
```

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

```
.background{ background-color:#002D91 }
```

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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