

Converting Colors

Hex(002291)

Have a look what the booklet for
Hex(002291) contains.

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Color

Hex(002291)

Conversions

Conversions Part 1

Format	Color
Hex	002291
RGB	0, 34, 145
RGB Percent	0%, 13%, 57%
CMY	1.0000, 0.8667, 0.4314
CMYK	1.00, 0.77, 0.00, 0.43
HSL	226°, 100%, 28%
HSV	226°, 100%, 57%
XYZ	5.6829, 3.1884, 27.1040
YIQ	36.4880, -55.8950, 27.3130

Conversions

Conversions Part 2

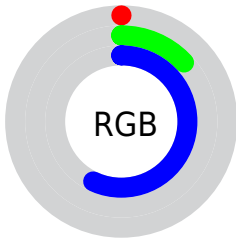
Format	Color
R_{YB}	0, 28, 145
Decimal	8849
CIE _{Lab}	20.78, 36.97, -62.39
CIE _{LCh}	21, 72.522, 300.646
Yxy	3.1884, 0.1580, 0.0886
Android (android.graphics.Color)	4278198929 (0xFF002291)
YUV	36.4880, 53.4964, -32.0000
Hunter-Lab	17.8561, 25.5612, -77.4979

Details

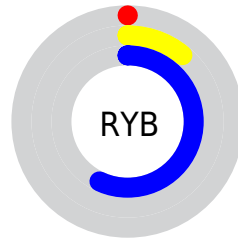
The Hex color **002291** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **916F00**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **554FC8**, and **00005D** is the 20% darker color. If you saturate the color by 10%, you get **002291**, and if you desaturate by 10%, it is **0E2D91**.

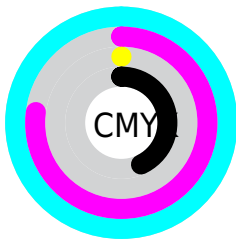
Distribution



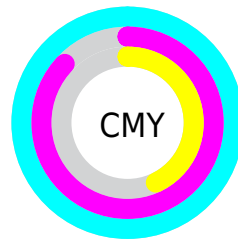
- Red (0%)
- Green (13%)
- Blue (57%)



- Red (0%)
- Yellow (11%)
- Blue (57%)



- Cyan (100%)
- Magenta (77%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (87%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002291 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 002291 by changing the saturation by 10% instead.

 002291

 002291

FFFFFF

 000E77

 554FC8

 00005D

 7368E5

 000844

 9081FF

 00032D

 AE9BFF

 000118

 CBB6FF

 000000

 E9D2FF

 FFEEFF

 002291

■ 0E2D91

■ 1D3891

■ 2C4391

■ 3A4E91

■ 495A91

■ 576591

■ 667091

■ 747B91

■ 838691

Harmonies

Analogous

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



003BA1



002291



6D0068

Triad

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



002291



651200



004432

Complementary

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



002291



916F00

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.



004100



002291



3E3100

Square

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



002291



800000



003D00



004568

Rectangle

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



002291



820045



003D00



00431F

Sweetspot

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



002291



8491BD



00916D



3C445E



DEDEDE



5E5E5E

Same Dimension

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



002291



002CBD



240091



404247



002087



000208

Inverse Universe

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



910022



BD002C



6D9100



474042



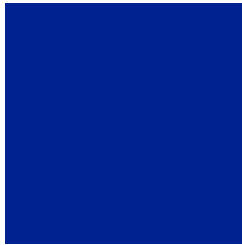
870020



080002

Previews

White Background



This preview shows how the Hex color 002291 looks on a white background.

Color Contrast Check

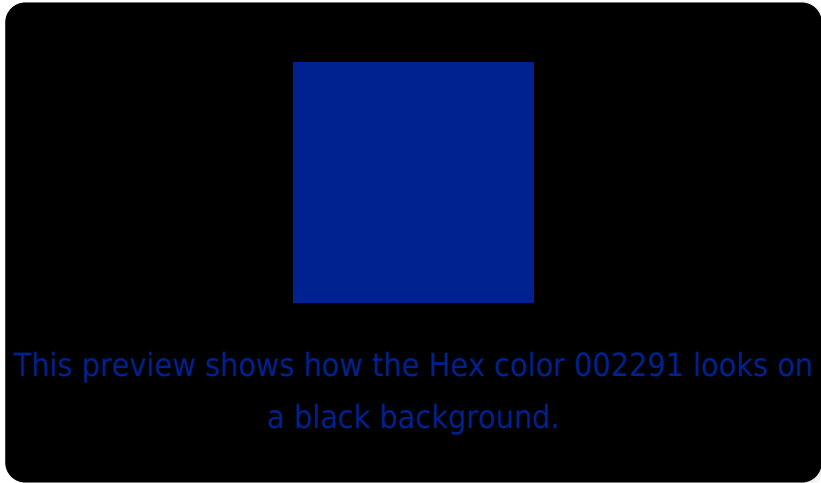
Large Text (above 18pt) WCAG AA ✓ Pass

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

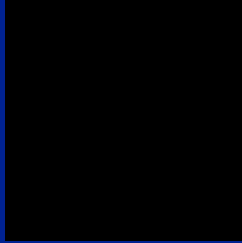
Any Text WCAG AA × Fail

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 002291 Background



This preview shows how black text looks on a background with the Hex color 002291.



This preview shows how white text looks on a background with the Hex color 002291.

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
002291

Protanopia
003168

Deuteranopia
003558



Tritanopia
00393C

Trichromacy



Original Color
002291

Protanomaly
002C77

Deuteranomaly
002E6D

Tritanomaly
00315B

Monochromacy



Original Color
002291

Achromatopsia
242424

Achromatomaly
17234C

CSS Examples

Text

The CSS property to change the color of the text to Hex 002291 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 #002291 looks like.

```
.text, #text, p{  
    color:#002291  
}
```

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 #002291 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002291
}
```

Border

The CSS property to change the border of an element to Hex 002291 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
#002291 }
```

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

```
.border{ border-color:#002291 }
```

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

Here you see how a box with a 4 pixel #002291 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002291; -webkit-box-shadow:4px 4px  
4px 4px #002291; box-shadow:4px 4px 4px  
4px #002291 }
```

Background

The CSS property to change the background color of an element to Hex 002291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002291 }
```

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

```
.background{ background-color:#002291 }
```

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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