

Converting Colors

Hex(002891)

Have a look what the booklet for
Hex(002891) contains.

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Color

Hex(002891)

Conversions

Conversions Part 1

Format	Color
Hex	002891
RGB	0, 40, 145
RGB Percent	0%, 16%, 57%
CMY	1.0000, 0.8431, 0.4314
CMYK	1.00, 0.72, 0.00, 0.43
HSL	223°, 100%, 28%
HSV	223°, 100%, 57%
XYZ	5.8696, 3.5619, 27.1662
YIQ	40.0100, -57.5450, 24.1750

Conversions

Conversions Part 2

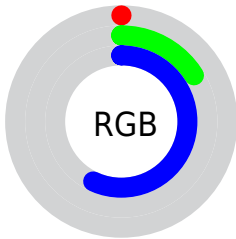
Format	Color
RYB	0, 31, 145
Decimal	10385
CIELab	22.17, 33.12, -60.10
CIELCh	22, 68.625, 298.858
Yxy	3.5619, 0.1604, 0.0973
Android (android.graphics.Color)	4278200465 (0xFF002891)
YUV	40.0100, 51.7601, -35.0888
Hunter-Lab	18.8730, 22.4867, -72.1320

Details

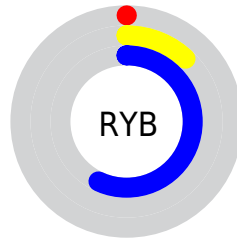
The Hex color **002891** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **916900**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **5455C8**, and **00005D** is the 20% darker color. If you saturate the color by 10%, you get **002891**, and if you desaturate by 10%, it is **0E3291**.

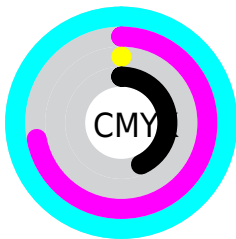
Distribution



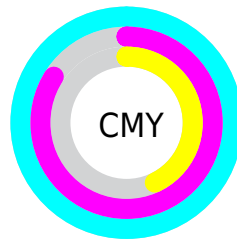
- Red (0%)
- Green (16%)
- Blue (57%)



- Red (0%)
- Yellow (12%)
- Blue (57%)



- Cyan (100%)
- Magenta (72%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (84%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002891 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 002891 by changing the saturation by 10% instead.

 002891

 002891

FFFFFF

 001477

 5455C8

 00005D

 726EE5

 000845

 8F87FF

 00032D

 ACA1FF

 000118

 CABCFF

 000000

 E8D8FF

 FFF5FF

 002891

■ 0E3291

■ 1D3D91

■ 2C4791

■ 3A5291

■ 495C91

■ 576791

■ 667191

■ 747C91

■ 838791

Harmonies

Analogous

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



003E9E



002891



6C006B

Triad

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



002891



691600



004632

Complementary

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



002891



916900

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.



004400



002891



443300

Square

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



002891



820004



043F00



004766

Rectangle

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



002891



81004A



043F00



00461F

Sweetspot

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



002891



8494BD



009168



3C465E



DEDEDE



5E5E5E

Same Dimension

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



002891



0034BD



1F0091



404247



002587



000208

Inverse Universe

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



910028



BD0034



729100



474042



870025



080002

Previews

White Background



This preview shows how the Hex color 002891 looks on a white background.

Color Contrast Check

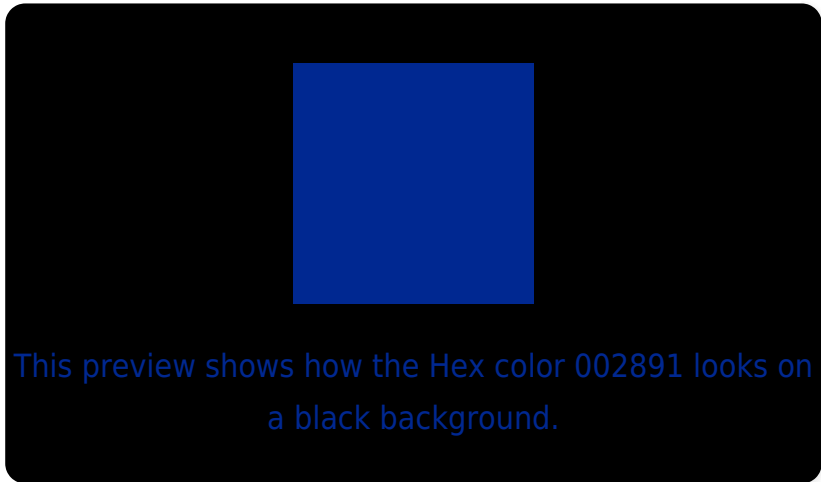
Large Text (above 18pt) WCAG AA ✓ Pass

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

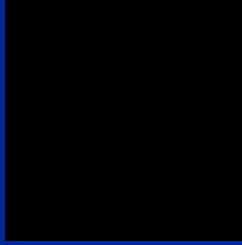
Any Text WCAG AA × Fail

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 002891 Background



This preview shows how black text looks on a background with the Hex color 002891.



This preview shows how white text looks on a background with the Hex color 002891.

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
002891

Deuteranomaly
003270

Tritanomaly
00355D

Monochromacy



Original Color
002891

Achromatopsia
282828

Achromatomaly
19284E

CSS Examples

Text

The CSS property to change the color of the text to Hex 002891 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 #002891 looks like.

```
.text, #text, p{  
    color:#002891  
}
```

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 #002891 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002891
}
```

Border

The CSS property to change the border of an element to Hex 002891 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
#002891 }
```

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

```
.border{ border-color:#002891 }
```

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

Here you see how a box with a 4 pixel #002891 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002891; -webkit-box-shadow:4px 4px  
4px 4px #002891; box-shadow:4px 4px 4px  
4px #002891 }
```

Background

The CSS property to change the background color of an element to Hex 002891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002891 }
```

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

```
.background{ background-color:#002891 }
```

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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