

Converting Colors

Hex(000C99)

Have a look what the booklet for
Hex(000C99) contains.

Hex(000C99)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(000C99)

Conversions

Conversions Part 1

Format	Color
Hex	000C99
RGB	0, 12, 153
RGB Percent	0%, 5%, 60%
CMY	1.0000, 0.9529, 0.4000
CMYK	1.00, 0.92, 0.00, 0.40
HSL	235°, 100%, 30%
HSV	235°, 100%, 60%
XYZ	5.8812, 2.5629, 30.3217
YIQ	24.4860, -52.4130, 41.3070

Conversions

Conversions Part 2

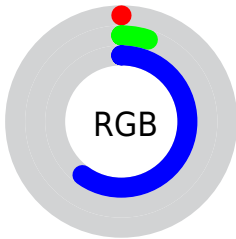
Format	Color
RYB	0, 11, 153
Decimal	3225
CIELab	18.20, 50.35, -71.64
CIELCh	18, 87.562, 305.100
Yxy	2.5629, 0.1517, 0.0661
Android (android.graphics.Color)	4278193305 (0xFF000C99)
YUV	24.4860, 63.3574, -21.4742
Hunter-Lab	16.0089, 37.5605, -101.0921

Details

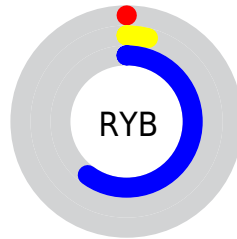
The Hex color **000C99** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **998D00**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **5A3ED1**, and **000064** is the 20% darker color. If you saturate the color by 10%, you get **000C99**, and if you desaturate by 10%, it is **0F1A99**.

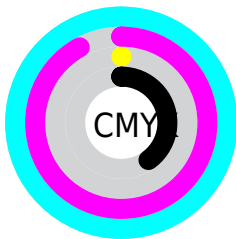
Distribution



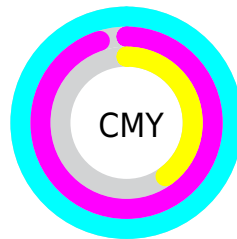
- Red (0%)
- Green (5%)
- Blue (60%)



- Red (0%)
- Yellow (4%)
- Blue (60%)



- Cyan (100%)
- Magenta (92%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (95%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000C99 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 000C99 by changing the saturation by 10% instead.

 000C99

 000C99

 FFFAFF

 00007E

 5A3ED1

 000064

 7957EE

 00094B

 9770FF

 000433

 B58AFF

 00021D

 D3A5FF

 000000

 F1C1FF

 FFDDFF

 000C99

■ 0F1A99

■ 1F2899

■ 2E3699

■ 3D4499

■ 4D5299

■ 5C6199

■ 6B6F99

■ 7A7D99

■ 8A8B99

Harmonies

Analogous

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



0037B2



000C99



780064

Triad

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



000C99



5F0600



003F37

Complementary

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



000C99



998D00

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.



003E00



000C99



2E2F00

Square

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



000C99



810000



003900



004276

Rectangle

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



000C99



8B003A



003900



003E20

Sweetspot

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



000C99



8B90C7



00998C



404263



E3E3E3



636363

Same Dimension

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



000C99



0010C7



400099



45454D



000B8C



00010D

Inverse Universe

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



99000C



C70010



599900



4D4545



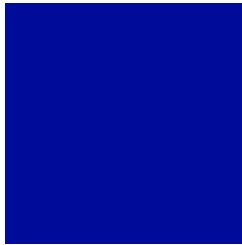
8C000B



0D0001

Previews

White Background



This preview shows how the Hex color 000C99 looks on a white background.

Color Contrast Check

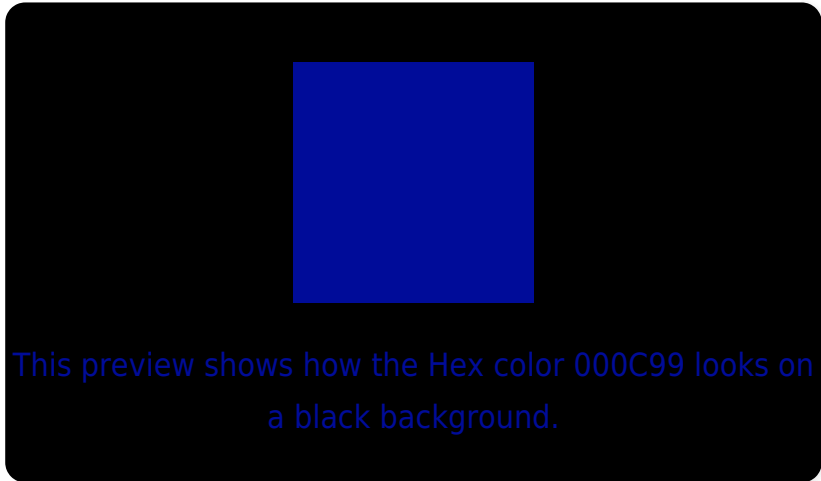
Large Text (above 18pt) WCAG AA ✓ Pass

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

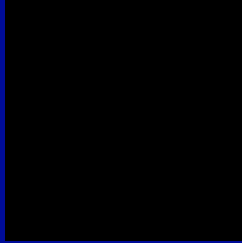
Any Text WCAG AA × Fail

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 000C99 Background



This preview shows how black text looks on a background with the Hex color 000C99.



This preview shows how white text looks on a background with the Hex color 000C99.

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
000C99

Protanopia
002D5F

Deuteranopia
003151

Trichromacy



Original Color
000C99

Protanomaly
002174

Deuteranomaly
00246B

Tritanomaly
00255B

Monochromacy



Original Color
000C99

Achromatopsia
181818

Achromatomaly
0F1447

CSS Examples

Text

The CSS property to change the color of the text to Hex 000C99 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 #000C99 looks like.

```
.text, #text, p{  
    color:#000C99  
}
```

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 #000C99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000C99
}
```

Border

The CSS property to change the border of an element to Hex 000C99 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
#000C99 }
```

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

```
.border{ border-color:#000C99 }
```

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

Here you see how a box with a 4 pixel #000C99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000C99; -webkit-box-shadow:4px 4px  
4px 4px #000C99; box-shadow:4px 4px 4px  
4px #000C99 }
```

Background

The CSS property to change the background color of an element to Hex 000C99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000C99 }
```

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

```
.background{ background-color:#000C99 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor