

Converting Colors

Hex(000B8E)

Have a look what the booklet for
Hex(000B8E) contains.

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Color

Hex(000B8E)

Conversions

Conversions Part 1

Format	Color
Hex	000B8E
RGB	0, 11, 142
RGB Percent	0%, 4%, 56%
CMY	1.0000, 0.9569, 0.4431
CMYK	1.00, 0.92, 0.00, 0.44
HSL	235°, 100%, 28%
HSV	235°, 100%, 56%
XYZ	5.0022, 2.1923, 25.7507
YIQ	22.6450, -48.6070, 38.4090

Conversions

Conversions Part 2

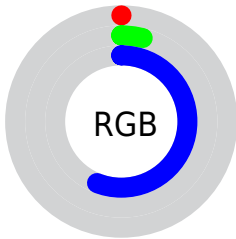
Format	Color
RYB	0, 10, 142
Decimal	2958
CIELab	16.47, 47.43, -67.71
CIELCh	16, 82.669, 305.015
Yxy	2.1923, 0.1518, 0.0665
Android (android.graphics.Color)	4278193038 (0xFF000B8E)
YUV	22.6450, 58.8420, -19.8597
Hunter-Lab	14.8065, 34.3919, -92.7492

Details

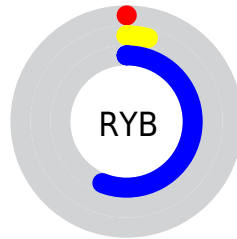
The Hex color **000B8E** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **8E8300**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **563CC5**, and **00005A** is the 20% darker color. If you saturate the color by 10%, you get **000B8E**, and if you desaturate by 10%, it is **0E188E**.

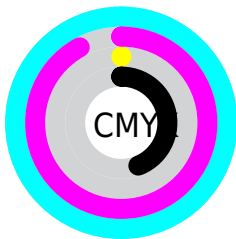
Distribution



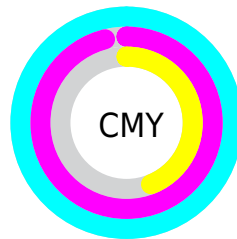
- Red (0%)
- Green (4%)
- Blue (56%)



- Red (0%)
- Yellow (4%)
- Blue (56%)



- Cyan (100%)
- Magenta (92%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (96%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000B8E 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 000B8E by changing the saturation by 10% instead.

 000B8E

 000B8E


 FFF7FF

 000074

 563CC5

 00005A

 7554E2

 000741

 926EFF

 00032A

 B088FF

 000115

 CDA2FF

 000000

 EBBEFF

 FFDAFF

 000B8E

■ 0E188E

■ 1C258E

■ 2B328E

■ 393F8E

■ 474D8E

■ 555A8E

■ 63678E

■ 72748E

■ 80818E

Harmonies

Analogous

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



0033A5



000B8E



6F005C

Triad

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



000B8E



580600



003A32

Complementary

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



000B8E



8E8300

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.



003900



000B8E



2B2B00

Square

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



000B8E



780000



003500



003D6E

Rectangle

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



000B8E



810036



003500



003A1D

Sweetspot

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



000B8E



8185B8



008E82



3B3D5C



DBDBDB



5C5C5C

Same Dimension

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



000B8E



000EB8



3B008E



404147



000A87



000108

Inverse Universe

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



8E000B



B8000E



538E00



474041



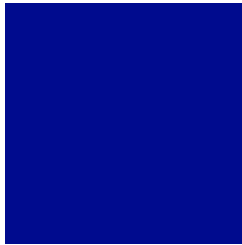
87000A



080001

Previews

White Background



This preview shows how the Hex color 000B8E looks on a white background.

Color Contrast Check

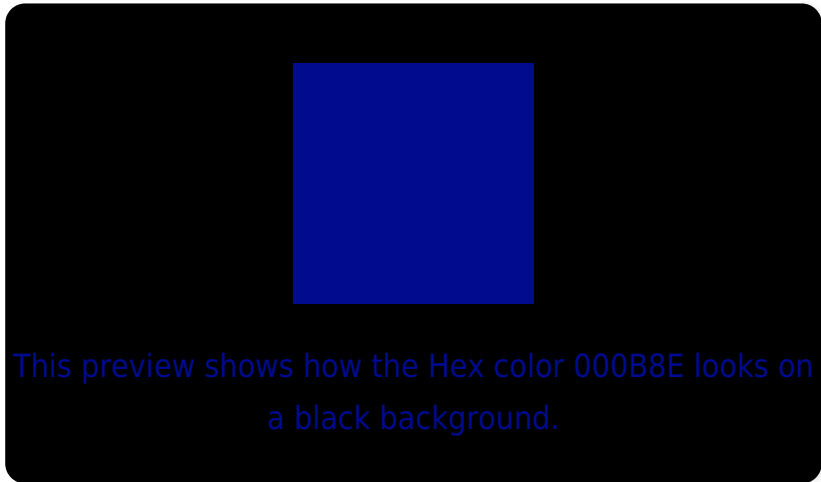
Large Text (above 18pt) WCAG AA ✓ Pass

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

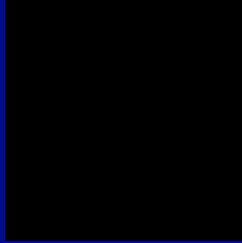
Any Text WCAG AA × Fail

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 000B8E Background



This preview shows how black text looks on a background with the Hex color 000B8E.



This preview shows how white text looks on a background with the Hex color 000B8E.

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
000B8E

Protanopia
002A58

Deuteranopia
002D4B

Trichromacy



Original Color
000B8E

Protanomaly
001F6C

Deuteranomaly
002163

Tritanomaly
002354

Monochromacy



Original Color
000B8E

Achromatopsia
171717

Achromatomaly
0F1342

CSS Examples

Text

The CSS property to change the color of the text to Hex 000B8E 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 #000B8E looks like.

```
.text, #text, p{  
    color:#000B8E  
}
```

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 #000B8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000B8E
}
```

Border

The CSS property to change the border of an element to Hex 000B8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

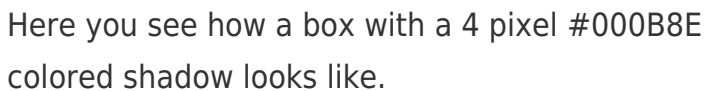
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#000B8E }
```

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

```
.border{ border-color:#000B8E }
```

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



Here you see how a box with a 4 pixel #000B8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000B8E; -webkit-box-shadow:4px 4px  
4px 4px #000B8E; box-shadow:4px 4px 4px  
4px #000B8E }
```

Background

The CSS property to change the background color of an element to Hex 000B8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000B8E }
```

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

```
.background{ background-color:#000B8E }
```

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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