

Converting Colors

Hex(00008C)

Have a look what the booklet for
Hex(00008C) contains.

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Color

Hex(00008C)

Conversions

Conversions Part 1

Format	Color
Hex	00008C
RGB	0, 0, 140
RGB Percent	0%, 0%, 55%
CMY	1.0000, 1.0000, 0.4510
CMYK	1.00, 1.00, 0.00, 0.45
HSL	240°, 100%, 27%
HSV	240°, 100%, 55%
XYZ	4.7336, 1.8934, 24.9269
YIQ	15.9600, -44.9400, 43.5400

Conversions

Conversions Part 2

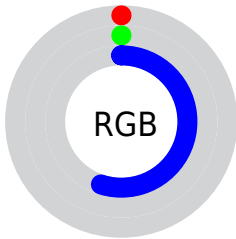
Format	Color
R_{YB}	0, 0, 140
Decimal	140
CIE _{Lab}	14.92, 50.69, -69.04
CIE _{LCh}	15, 85.654, 306.287
Yxy	1.8934, 0.1500, 0.0600
Android (android.graphics.Color)	4278190220 (0xFF00008C)
YUV	15.9600, 61.1517, -13.9969
Hunter-Lab	13.7603, 37.3247, -97.7725

Details

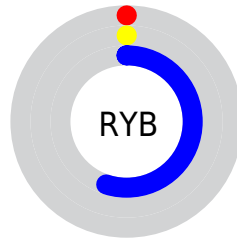
The Hex color **00008C** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **8C8C00**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **5635C3**, and **000058** is the 20% darker color. If you saturate the color by 10%, you get **00008C**, and if you desaturate by 10%, it is **0E0E8C**.

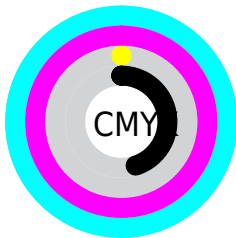
Distribution



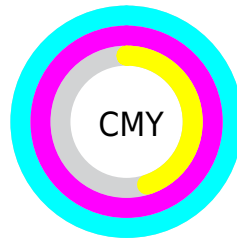
- Red (0%)
- Green (0%)
- Blue (55%)



- Red (0%)
- Yellow (0%)
- Blue (55%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00008C 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 00008C by changing the saturation by 10% instead.

 00008C

 00008C

 FFF0FF

 000072

 5635C3

 000058

 754DE0

 000740

 9267FD

 000329

 B081FF

 000113

 CE9BFF

 000000

 ECB7FF

 FFD3FF

 00008C

■ 0E0E8C

■ 1C1C8C

■ 2A2A8C

■ 38388C

■ 46468C

■ 54548C

■ 62628C

■ 70708C

■ 7E7E8C

Harmonies

Analogous

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



0030A6



00008C



6F0058

Triad

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



00008C



530300



003632

Complementary

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



00008C



8C8C00

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.



003500



00008C



242800

Square

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



00008C



740000



003200



003A6F

Rectangle

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



00008C



800030



003200



00351C

Sweetspot

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



00008C



7F7FB5



008C8C



3B3B5C



DBDBDB



5C5C5C

Same Dimension

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



00008C



0000B5



46008C



3E3E45



000085



000005

Inverse Universe

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



8C008C



B500B5



468C00



453E45



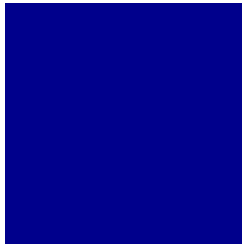
850085



050005

Previews

White Background



This preview shows how the Hex color 00008C looks on a white background.

Color Contrast Check

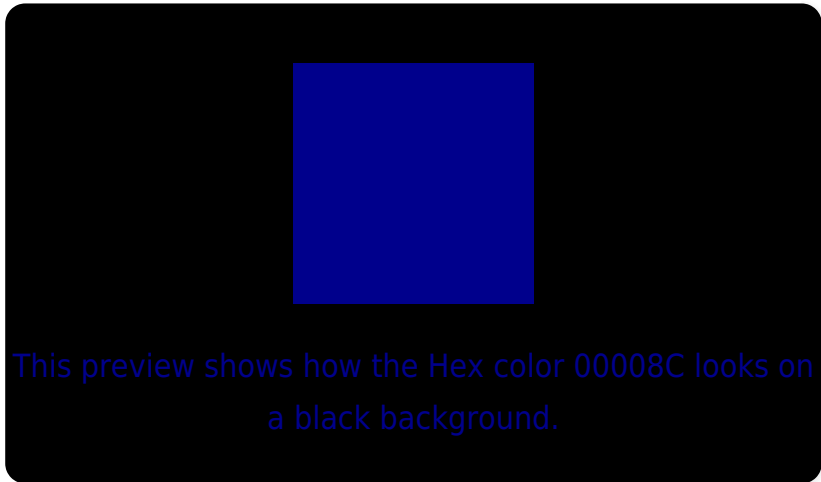
Large Text (above 18pt) WCAG AA ✓ Pass

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

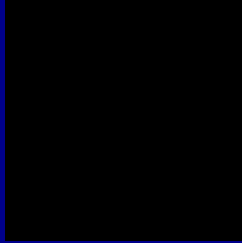
Any Text WCAG AA × Fail

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 00008C Background



This preview shows how black text looks on a background with the Hex color 00008C.



This preview shows how white text looks on a background with the Hex color 00008C.

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
00008C

Protanopia
002956

Deuteranopia
002C49

Trichromacy



Original Color
00008C

Protanomaly
001A6A

Deuteranomaly
001C61

Tritanomaly
001E52

Monochromacy



Original Color
00008C

Achromatopsia
101010

Achromatomaly
0A0A3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00008C 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 #00008C looks like.

```
.text, #text, p{  
    color:#00008C  
}
```

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 #00008C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00008C
}
```

Border

The CSS property to change the border of an element to Hex 00008C is called "border". The border property can be set on classes, ids or directly on the HTML element.

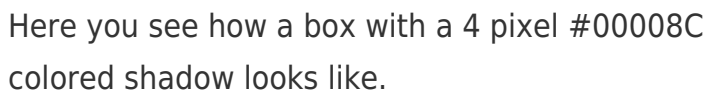
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00008C }
```

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

```
.border{ border-color:#00008C }
```

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



Here you see how a box with a 4 pixel #00008C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00008C; -webkit-box-shadow:4px 4px  
4px 4px #00008C; box-shadow:4px 4px 4px  
4px #00008C }
```

Background

The CSS property to change the background color of an element to Hex 00008C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00008C }
```

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

```
.background{ background-color:#00008C }
```

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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