

Converting Colors

Hex(000094)

Have a look what the booklet for
Hex(000094) contains.

Hex(000094)	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(000094)

Conversions

Conversions Part 1

Format	Color
Hex	000094
RGB	0, 0, 148
RGB Percent	0%, 0%, 58%
CMY	1.0000, 1.0000, 0.4196
CMYK	1.00, 1.00, 0.00, 0.42
HSL	240°, 100%, 29%
HSV	240°, 100%, 58%
XYZ	5.3453, 2.1381, 28.1479
YIQ	16.8720, -47.5080, 46.0280

Conversions

Conversions Part 2

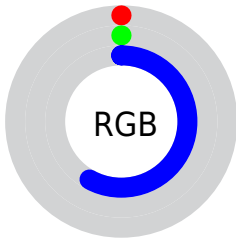
Format	Color
RYB	0, 0, 148
Decimal	148
CIELab	16.20, 52.79, -71.90
CIElCh	16, 89.195, 306.287
Yxy	2.1381, 0.1500, 0.0600
Android (android.graphics.Color)	4278190228 (0xFF000094)
YUV	16.8720, 64.6461, -14.7967
Hunter-Lab	14.6223, 39.6630, -103.8977

Details

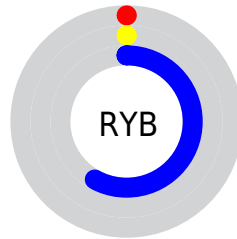
The Hex color **000094** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **949400**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **5936CC**, and **000060** is the 20% darker color. If you saturate the color by 10%, you get **000094**, and if you desaturate by 10%, it is **0F0F94**.

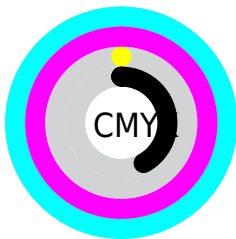
Distribution



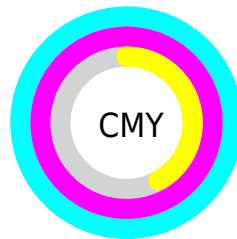
- Red (0%)
- Green (0%)
- Blue (58%)



- Red (0%)
- Yellow (0%)
- Blue (58%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000094 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 000094 by changing the saturation by 10% instead.

 000094

 000094

 FFF2FF

 000079

 5936CC

 000060

 784FE8

 000847

 9668FF

 00042F

 B483FF

 00011A

 D29DFF

 000000

 F0B9FF

 FFD5FF

 000094

0F0F94

1E1E94

2C2C94

3B3B94

4A4A94

595994

686894

767694

858594

Harmonies

Analogous

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



0033AF



000094



75005D

Triad

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



000094



580300



003A35

Complementary

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



000094



949400

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.



003800



000094



272B00

Square

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



000094



7B0000



003500



003D75

Rectangle

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



000094



870034



003500



00391E

Sweetspot

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



000094



8686BF



009494



3E3E61



E0E0E0



616161

Same Dimension

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



000094



0000BF



4A0094



43434A



00008A



00000A

Inverse Universe

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



940094



BF00BF



4A9400



4A434A



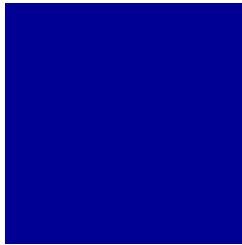
8A008A



0A000A

Previews

White Background



This preview shows how the Hex color 000094 looks on a white background.

Color Contrast Check

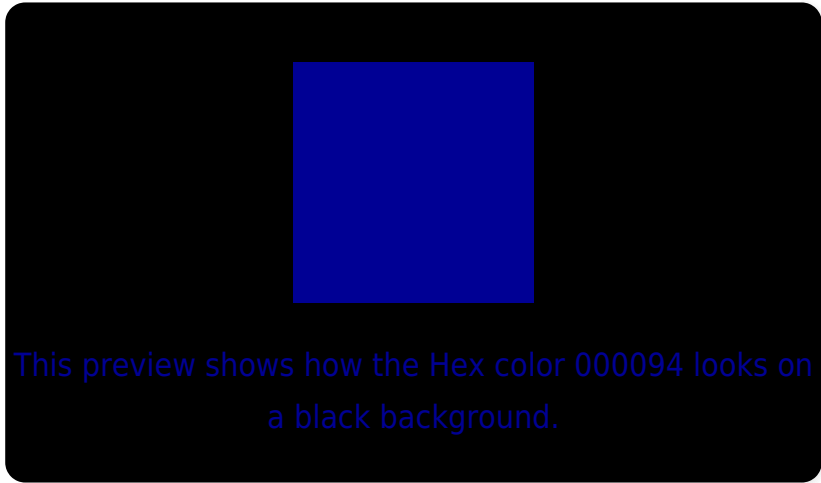
Large Text (above 18pt) WCAG AA ✓ Pass

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

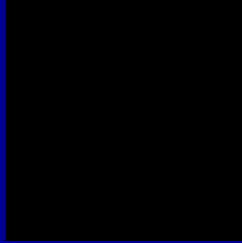
Any Text WCAG AA × Fail

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 000094 Background



This preview shows how black text looks on a background with the Hex color 000094.



This preview shows how white text looks on a background with the Hex color 000094.

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
000094

Protanopia
002B5B

Deuteranopia
002E4D



Tritanopia
003234

Trichromacy



Original Color

000094

Protanomaly

001B70

Deuteranomaly

001D67

Tritanomaly

002057

Monochromacy



Original Color

000094

Achromatopsia

111111

Achromatomaly

0B0B41

CSS Examples

Text

The CSS property to change the color of the text to Hex 000094 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 #000094 looks like.

```
.text, #text, p{  
    color:#000094  
}
```

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 #000094 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000094
}
```

Border

The CSS property to change the border of an element to Hex 000094 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
#000094 }
```

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

```
.border{ border-color:#000094 }
```

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

Here you see how a box with a 4 pixel #000094 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000094; -webkit-box-shadow:4px 4px  
4px 4px #000094; box-shadow:4px 4px 4px  
4px #000094 }
```

Background

The CSS property to change the background color of an element to Hex 000094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000094 }
```

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

```
.background{ background-color:#000094 }
```

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