

Converting Colors

Hex(000095)

Have a look what the booklet for
Hex(000095) contains.

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Color

Hex(000095)

Conversions

Conversions Part 1

Format	Color
Hex	000095
RGB	0, 0, 149
RGB Percent	0%, 0%, 58%
CMY	1.0000, 1.0000, 0.4157
CMYK	1.00, 1.00, 0.00, 0.42
HSL	240°, 100%, 29%
HSV	240°, 100%, 58%
XYZ	5.4248, 2.1699, 28.5667
YIQ	16.9860, -47.8290, 46.3390

Conversions

Conversions Part 2

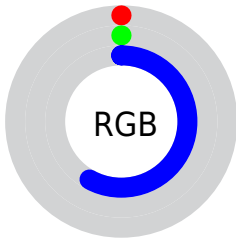
Format	Color
RYB	0, 0, 149
Decimal	149
CIELab	16.35, 53.05, -72.25
CIELCh	16, 89.635, 306.287
Yxy	2.1699, 0.1500, 0.0600
Android (android.graphics.Color)	4278190229 (0xFF000095)
YUV	16.9860, 65.0829, -14.8967
Hunter-Lab	14.7307, 39.9569, -104.6676

Details

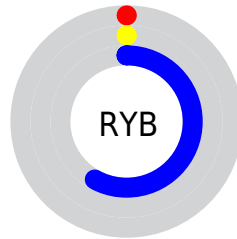
The Hex color **000095** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **959500**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **5936CD**, and **000061** is the 20% darker color. If you saturate the color by 10%, you get **000095**, and if you desaturate by 10%, it is **0F0F95**.

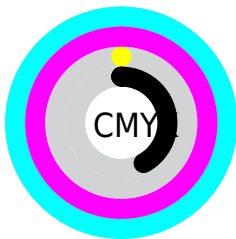
Distribution



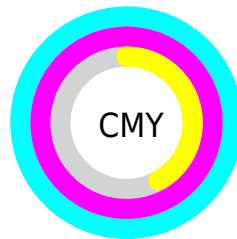
- Red (0%)
- Green (0%)
- Blue (58%)



- 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 000095 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 000095 by changing the saturation by 10% instead.


 000095

 000095

 FFF2FF

 00007A

 5936CD

 000061

 784FE9

 000848

 9669FF

 000430

 B483FF

 00011A

 D29EFF

 000000

 F0B9FF

 FFD5FF

 000095

0F0F95

1E1E95

2D2D95

3C3C95

4B4B95

595995

686895

777795

868695

Harmonies

Analogous

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



0033B0



000095



76005E

Triad

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



000095



590300



003A35

Complementary

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



000095



959500

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



000095



272B00

Square

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



000095



7C0000



003600



003E76

Rectangle

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



000095



880034



003600



00391F

Sweetspot

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



000095



8888C2



009595



3E3E61



E0E0E0



616161

Same Dimension

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



000095



0000C2



4B0095



43434A



00008A



00000A

Inverse Universe

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



950095



C200C2



4B9500



4A434A



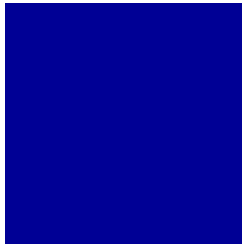
8A008A



0A000A

Previews

White Background



This preview shows how the Hex color 000095 looks on a white background.

Color Contrast Check

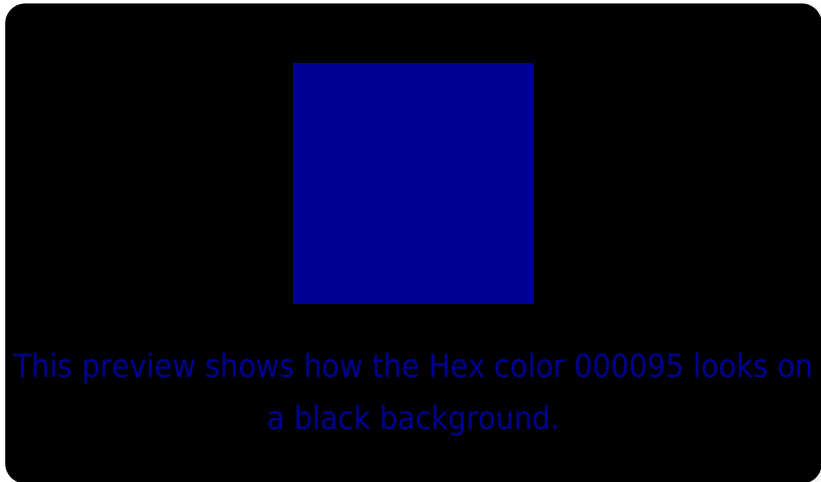
Large Text (above 18pt) WCAG AA ✓ Pass

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

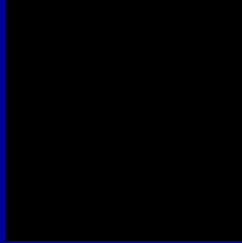
Any Text WCAG AA × Fail

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 000095 Background



This preview shows how black text looks on a background with the Hex color 000095.



This preview shows how white text looks on a background with the Hex color 000095.

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
000095

Protanopia
002C5B

Deuteranopia
002F4D

Trichromacy



Original Color
000095

Protanomaly
001C70

Deuteranomaly
001E67

Tritanomaly
002057

Monochromacy



Original Color
000095

Achromatopsia
111111

Achromatomaly
0B0B41

CSS Examples

Text

The CSS property to change the color of the text to Hex 000095 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 #000095 looks like.

```
.text, #text, p{  
    color:#000095  
}
```

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 #000095 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000095
}
```

Border

The CSS property to change the border of an element to Hex 000095 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
#000095 }
```

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

```
.border{ border-color:#000095 }
```

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

Here you see how a box with a 4 pixel #000095 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000095; -webkit-box-shadow:4px 4px  
4px 4px #000095; box-shadow:4px 4px 4px  
4px #000095 }
```

Background

The CSS property to change the background color of an element to Hex 000095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000095 }
```

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

```
.background{ background-color:#000095 }
```

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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