

Converting Colors

Hex(00097D)

Have a look what the booklet for
Hex(00097D) contains.

Hex(00097D)	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(00097D)

Conversions

Conversions Part 1

Format	Color
Hex	00097D
RGB	0, 9, 125
RGB Percent	0%, 4%, 49%
CMY	1.0000, 0.9647, 0.5098
CMYK	1.00, 0.93, 0.00, 0.51
HSL	236°, 100%, 25%
HSV	236°, 100%, 49%
XYZ	3.7994, 1.6760, 19.5253
YIQ	19.5330, -42.6000, 34.1680

Conversions

Conversions Part 2

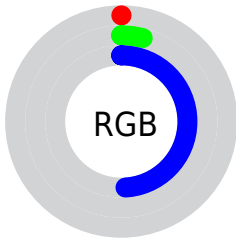
Format	Color
RYB	0, 8, 125
Decimal	2429
CIELab	13.69, 43.00, -61.60
CIELCh	14, 75.125, 304.919
Yxy	1.6760, 0.1520, 0.0670
Android (android.graphics.Color)	4278192509 (0xFF00097D)
YUV	19.5330, 51.9952, -17.1304
Hunter-Lab	12.9462, 29.7290, -80.3580

Details

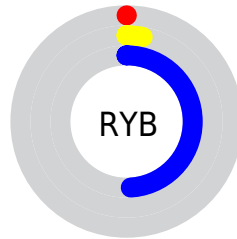
The Hex color **00097D** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **7D7400**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **5138B3**, and **00004A** is the 20% darker color. If you saturate the color by 10%, you get **00097D**, and if you desaturate by 10%, it is **0C157D**.

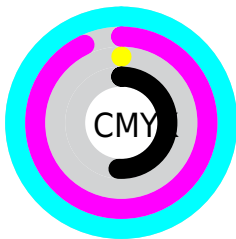
Distribution



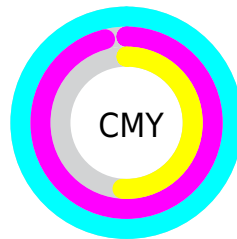
- Red (0%)
- Green (4%)
- Blue (49%)



- Red (0%)
- Yellow (3%)
- Blue (49%)



- Cyan (100%)
- Magenta (93%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (96%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00097D 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 00097D by changing the saturation by 10% instead.

 00097D

 00097D

 FFF1FF

 000063

 5138B3

 00004A

 6E50CF

 000433

 8B69EC

 00021D

 A883FF

 000000

 C59EFF

 E2B9FF

 FFD5FF

 00097D

■ 0C157D

■ 19207D

■ 262C7D

■ 32377D

■ 3F437D

■ 4B4F7D

■ 575A7D

■ 64667D

■ 71717D

Harmonies

Analogous

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



002C92



00097D



620051

Triad

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



00097D



4D0500



00332B

Complementary

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



00097D



7D7400

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.



003200



00097D



252500

Square

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



00097D



690000



002E00



003560

Rectangle

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



00097D



71002F



002E00



003218

Sweetspot

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



00097D



7276A3



007D73



343652



D1D1D1



525252

Same Dimension

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



00097D



000CA3



34007D



393A40



000980



000000

Inverse Universe

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



7D0009



A3000C



497D00



40393A



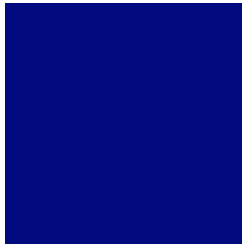
800009



000000

Previews

White Background



This preview shows how the Hex color 00097D looks on a white background.

Color Contrast Check

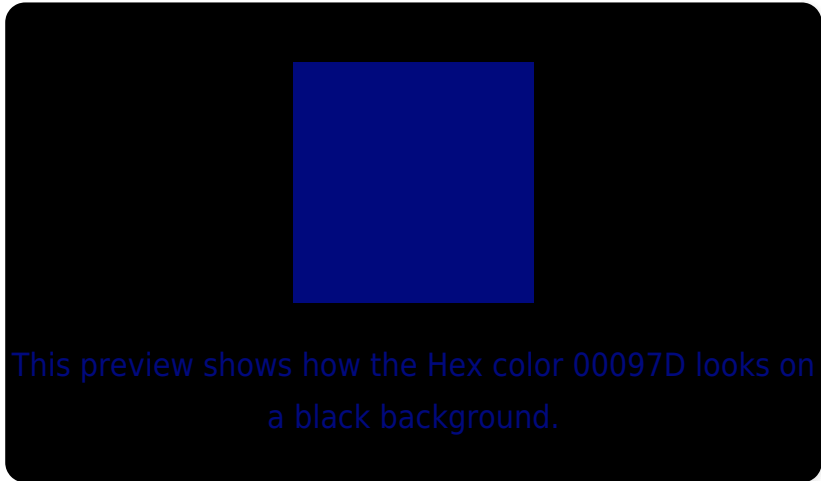
Large Text (above 18pt) WCAG AA ✓ Pass

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

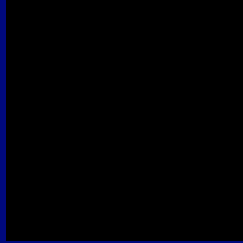
Any Text WCAG AA × Fail

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 00097D Background



This preview shows how black text looks on a background with the Hex color 00097D.



This preview shows how white text looks on a background with the Hex color 00097D.

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
00097D

Protanopia
00254E

Deuteranopia
002842



Tritanopia
002B2C

Trichromacy



Original Color
00097D

Protanomaly
001B5F

Deuteranomaly
001D57

Tritanomaly
001F49

Monochromacy



Original Color
00097D

Achromatopsia
141414

Achromatomaly
0D103A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00097D 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 #00097D looks like.

```
.text, #text, p{  
    color:#00097D  
}
```

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 #00097D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00097D
}
```

Border

The CSS property to change the border of an element to Hex 00097D 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
#00097D }
```

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

```
.border{ border-color:#00097D }
```

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

Here you see how a box with a 4 pixel #00097D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00097D; -webkit-box-shadow:4px 4px  
4px 4px #00097D; box-shadow:4px 4px 4px  
4px #00097D }
```

Background

The CSS property to change the background color of an element to Hex 00097D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00097D }
```

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

```
.background{ background-color:#00097D }
```

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