

Converting Colors

Hex(09007D)

Have a look what the booklet for
Hex(09007D) contains.

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Color

Hex(09007D)

Conversions

Conversions Part 1

Format	Color
Hex	09007D
RGB	9, 0, 125
RGB Percent	4%, 0%, 49%
CMY	0.9647, 1.0000, 0.5098
CMYK	0.93, 1.00, 0.00, 0.51
HSL	244°, 100%, 25%
HSV	244°, 100%, 49%
XYZ	3.8143, 1.5387, 19.4980
YIQ	16.9410, -34.7610, 40.7830

Conversions

Conversions Part 2

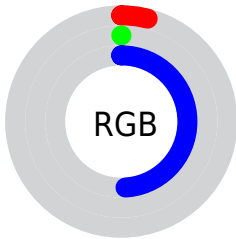
Format	Color
RYB	9, 0, 125
Decimal	589949
CIELab	12.85, 46.82, -62.98
CIELCh	13, 78.481, 306.626
Yxy	1.5387, 0.1535, 0.0619
Android (android.graphics.Color)	4278780029 (0xFF09007D)
YUV	16.9410, 53.2731, -6.9643
Hunter-Lab	12.4046, 33.1794, -84.5108

Details

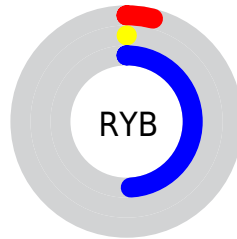
The Hex color **09007D** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **747D00**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **5433B3**, and **00004A** is the 20% darker color. If you saturate the color by 10%, you get **09007D**, and if you desaturate by 10%, it is **150C7D**.

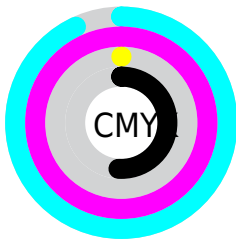
Distribution



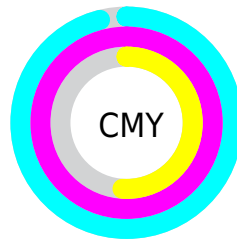
- Red (4%)
- Green (0%)
- Blue (49%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 09007D 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 09007D by changing the saturation by 10% instead.

 09007D

 09007D

 FFECFF

 000063

 5433B3

 00004A

 714BCF

 000433

 8E64EC

 00021D

 AB7EFF

 000000

 C898FF

 E6B3FF

 FFCFFF

 09007D

■ 150C7D

■ 20197D

■ 2C267D

■ 37327D

■ 433F7D

■ 4F4B7D

■ 5A577D

■ 66647D

■ 71717D

Harmonies

Analogous

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



002A94



09007D



64004E

Triad

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



09007D



4A0400



00302D

Complementary

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



09007D



747D00

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.



002F00



09007D



202400

Square

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



09007D



680000



002E00



003464

Rectangle

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



09007D



73002A



002E00



00301A

Sweetspot

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



09007D



7672A3



00757D



363452



D1D1D1



525252

Same Dimension

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



09007D



0C00A3



47007D



3A3940



090080



000000

Inverse Universe

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



7D0074



A30097



367D00



40393F



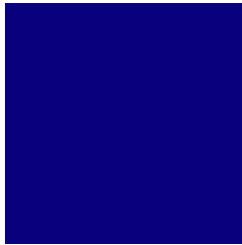
800076



000000

Previews

White Background



This preview shows how the Hex color 09007D looks on a white background.

Color Contrast Check

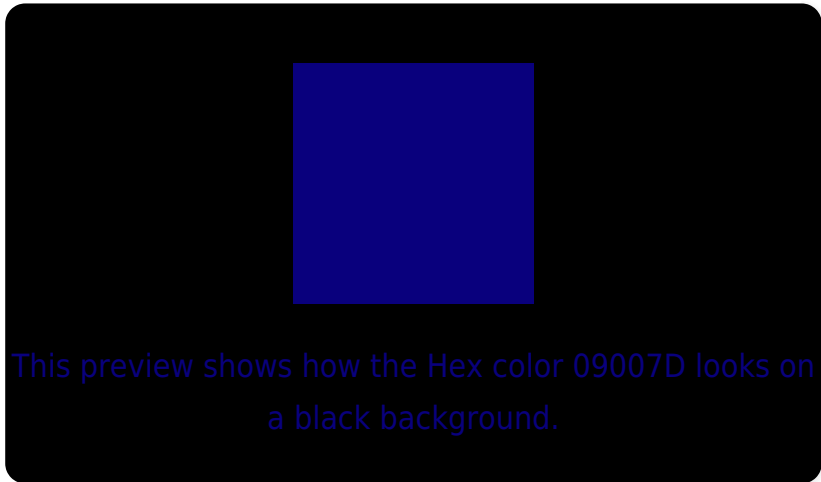
Large Text (above 18pt) WCAG AA ✓ Pass

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

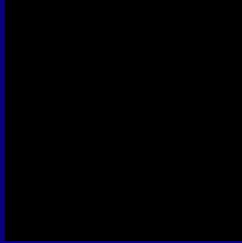
Any Text WCAG AA × Fail

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 09007D Background



This preview shows how black text looks on a background with the Hex color 09007D.



This preview shows how white text looks on a background with the Hex color 09007D.

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
09007D

Protanopia
00254D

Deuteranopia
002741

Trichromacy



Original Color
09007D

Protanomaly
03185E

Deuteranomaly
031957

Tritanomaly
031B49

Monochromacy



Original Color
09007D

Achromatopsia
111111

Achromatomaly
0E0B38

CSS Examples

Text

The CSS property to change the color of the text to Hex 09007D 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 #09007D looks like.

```
.text, #text, p{  
    color:#09007D  
}
```

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 #09007D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09007D
}
```

Border

The CSS property to change the border of an element to Hex 09007D 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".

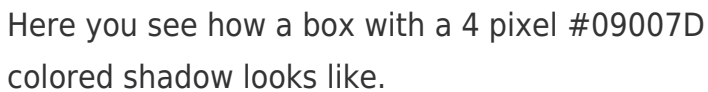
```
.border, #border, table{ border:4px solid
#09007D }
```

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

```
.border{ border-color:#09007D }
```

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

Here you see how a box with a 4 pixel #09007D colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border on the top and left sides, and a thicker dark blue border on the bottom and right sides. The shadow is a dark blue rectangle that is slightly offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09007D; -webkit-box-shadow:4px 4px  
4px 4px #09007D; box-shadow:4px 4px 4px  
4px #09007D }
```

Background

The CSS property to change the background color of an element to Hex 09007D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09007D }
```

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

```
.background{ background-color:#09007D }
```

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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