

Converting Colors

Hex(00147D)

Have a look what the booklet for
Hex(00147D) contains.

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Color

Hex(00147D)

Conversions

Conversions Part 1

Format	Color
Hex	00147D
RGB	0, 20, 125
RGB Percent	0%, 8%, 49%
CMY	1.0000, 0.9216, 0.5098
CMYK	1.00, 0.84, 0.00, 0.51
HSL	230°, 100%, 25%
HSV	230°, 100%, 49%
XYZ	3.9518, 1.9810, 19.5761
YIQ	25.9900, -45.6250, 28.4150

Conversions

Conversions Part 2

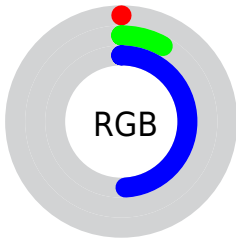
Format	Color
RYB	0, 17, 125
Decimal	5245
CIELab	15.39, 37.93, -58.76
CIELCh	15, 69.941, 302.839
Yxy	1.9810, 0.1549, 0.0777
Android (android.graphics.Color)	4278195325 (0xFF00147D)
YUV	25.9900, 48.8119, -22.7932
Hunter-Lab	14.0747, 25.4875, -72.6124

Details

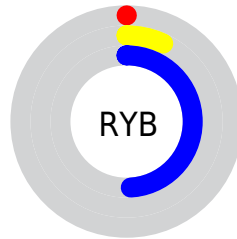
The Hex color **00147D** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **7D6900**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **5041B3**, and **00004B** is the 20% darker color. If you saturate the color by 10%, you get **00147D**, and if you desaturate by 10%, it is **0C1F7D**.

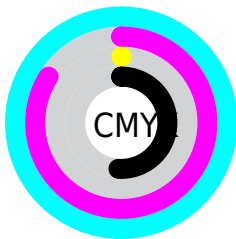
Distribution



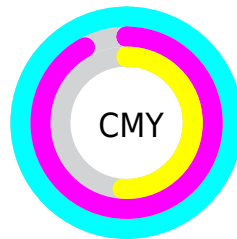
- Red (0%)
- Green (8%)
- Blue (49%)



- Red (0%)
- Yellow (7%)
- Blue (49%)



- Cyan (100%)
- Magenta (84%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (92%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00147D 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 00147D by changing the saturation by 10% instead.

 00147D

 00147D

 FFFAFF

 000063

 5041B3

 00004B

 6D59CF

 000433

 8972EC

 00021D

 A68BFF

 000000

 C3A6FF

 E0C1FF

 FEDDFF

 00147D

■ 0C1F7D

■ 19297D

■ 26347D

■ 323E7D

■ 3F497D

■ 4B537D

■ 575E7D

■ 64687D

■ 71737D

Harmonies

Analogous

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



002F8E



00147D



600055

Triad

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



00147D



520900



00372A

Complementary

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



00147D



7D6900

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



00147D



2D2700

Square

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



00147D



6C0000



003100



00385D

Rectangle

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



00147D



710035



003100



003718

Sweetspot

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



00147D



727AA3



007D68



343952



D1D1D1



525252

Same Dimension

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



00147D



001AA3



2A007D



393A40



001480



000000

Inverse Universe

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



7D0014



A3001A



537D00



40393A



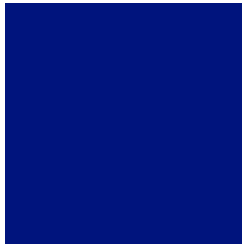
800014



000000

Previews

White Background



This preview shows how the Hex color 00147D looks on a white background.

Color Contrast Check

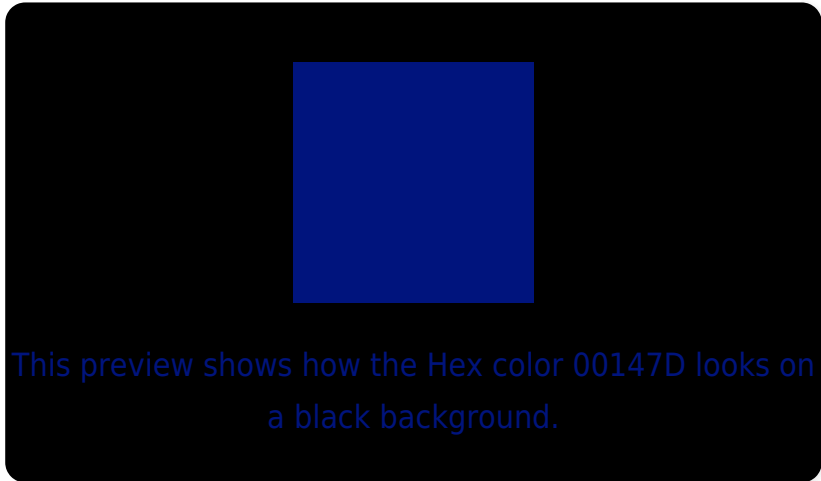
Large Text (above 18pt) WCAG AA ✓ Pass

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

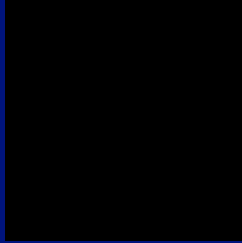
Any Text WCAG AA × Fail

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 00147D Background



This preview shows how black text looks on a background with the Hex color 00147D.



This preview shows how white text looks on a background with the Hex color 00147D.

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
00147D

Protanopia
002752

Deuteranopia
002A46



Tritanopia
002D2F

Trichromacy



Original Color
00147D

Protanomaly
002062

Deuteranomaly
00225A

Tritanomaly
00244B

Monochromacy



Original Color
00147D

Achromatopsia
1A1A1A

Achromatomaly
11183E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00147D 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 #00147D looks like.

```
.text, #text, p{  
    color:#00147D  
}
```

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 #00147D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00147D
}
```

Border

The CSS property to change the border of an element to Hex 00147D is called "border". The border property can be set on classes, ids or directly on the HTML element.

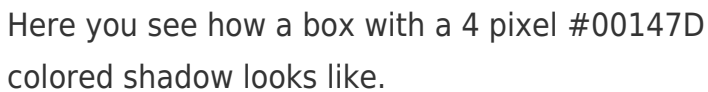
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00147D }
```

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

```
.border{ border-color:#00147D }
```

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



Here you see how a box with a 4 pixel #00147D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00147D; -webkit-box-shadow:4px 4px  
4px 4px #00147D; box-shadow:4px 4px 4px  
4px #00147D }
```

Background

The CSS property to change the background color of an element to Hex 00147D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00147D }
```

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

```
.background{ background-color:#00147D }
```

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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