

Converting Colors

Hex(00147C)

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

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Color

Hex(00147C)

Conversions

Conversions Part 1

Format	Color
Hex	00147C
RGB	0, 20, 124
RGB Percent	0%, 8%, 49%
CMY	1.0000, 0.9216, 0.5137
CMYK	1.00, 0.84, 0.00, 0.51
HSL	230°, 100%, 24%
HSV	230°, 100%, 49%
XYZ	3.8882, 1.9555, 19.2413
YIQ	25.8760, -45.3040, 28.1040

Conversions

Conversions Part 2

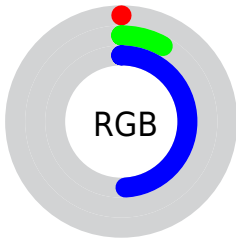
Format	Color
RYB	0, 17, 124
Decimal	5244
CIELab	15.25, 37.57, -58.35
CIELCh	15, 69.402, 302.780
Yxy	1.9555, 0.1550, 0.0780
Android (android.graphics.Color)	4278195324 (0xFF00147C)
YUV	25.8760, 48.3751, -22.6933
Hunter-Lab	13.9841, 25.1594, -71.7908

Details

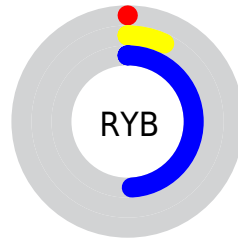
The Hex color **00147C** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **7C6800**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **4F41B2**, and **00004A** is the 20% darker color. If you saturate the color by 10%, you get **00147C**, and if you desaturate by 10%, it is **0C1E7C**.

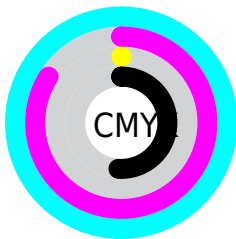
Distribution



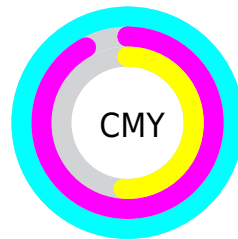
- Red (0%)
- Green (8%)
- Blue (49%)



- 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 00147C 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 00147C by changing the saturation by 10% instead.

■ 00147C

■ 00147C

■ FFFAFF

■ 000062

■ 4F41B2

■ 00004A

■ 6C59CE

■ 000432

■ 8971EA

■ 00021C

■ A58BFF

■ 000000

■ C2A6FF

■ E0C1FF

■ FEDDFF

■ 00147C

■ 0C1E7C

■ 19297C

■ 25337C

■ 323E7C

■ 3E487C

■ 4A527C

■ 575D7C

■ 63677C

■ 70727C

Harmonies

Analogous

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



002E8D



00147C



5F0054

Triad

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



00147C



520900



00372A

Complementary

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



00147C



7C6800

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



00147C



2D2700

Square

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



00147C



6B0000



003000



00385C

Rectangle

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



00147C



700034



003000



003618

Sweetspot

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



00147C



7078A1



007C67



343952



D1D1D1



525252

Same Dimension

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



00147C



001AA1



29007C



37383D



00147D



0029FC

Inverse Universe

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



7C0014



A1001A



537C00



3D3738



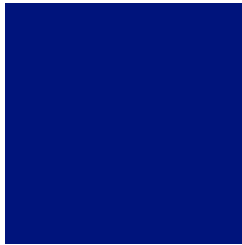
7D0014



FC0029

Previews

White Background



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

Color Contrast Check

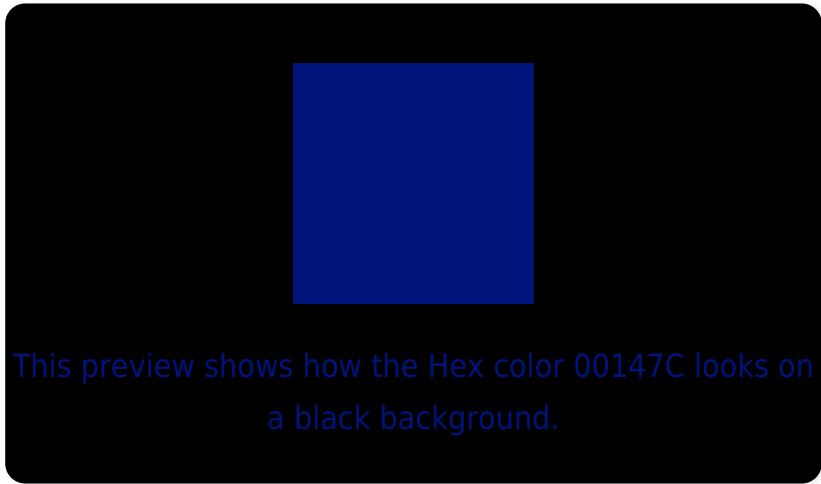
Large Text (above 18pt) WCAG AA ✓ Pass

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

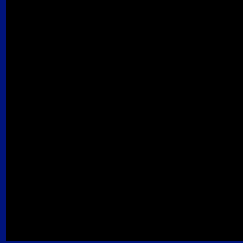
Any Text WCAG AA × Fail

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 00147C Background



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



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

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
00147C

Protanopia
002752

Deuteranopia
002A45

Trichromacy



Original Color
00147C

Protanomaly
002061

Deuteranomaly
002259

Monochromacy



Original Color
00147C

Achromatopsia
1A1A1A

Achromatomaly
11183E

CSS Examples

Text

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

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

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 #00147C colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 00147C 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
#00147C }
```

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

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

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

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

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

Background

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

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

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

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

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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