

Converting Colors

Hex(000C7F)

Have a look what the booklet for
Hex(000C7F) contains.

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Color

Hex(000C7F)

Conversions

Conversions Part 1

Format	Color
Hex	000C7F
RGB	0, 12, 127
RGB Percent	0%, 5%, 50%
CMY	1.0000, 0.9529, 0.5020
CMYK	1.00, 0.91, 0.00, 0.50
HSL	234°, 100%, 25%
HSV	234°, 100%, 50%
XYZ	3.9622, 1.7952, 20.2164
YIQ	21.5220, -44.0670, 33.2210

Conversions

Conversions Part 2

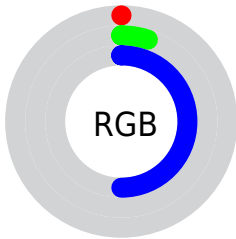
Format	Color
RYB	0, 11, 127
Decimal	3199
CIELab	14.37, 42.45, -61.73
CIELCh	14, 74.915, 304.514
Yxy	1.7952, 0.1525, 0.0691
Android (android.graphics.Color)	4278193279 (0xFF000C7F)
YUV	21.5220, 52.0007, -18.8748
Hunter-Lab	13.3987, 29.3380, -80.0795

Details

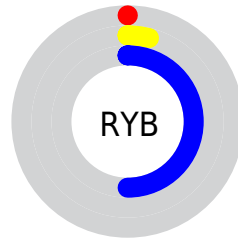
The Hex color **000C7F** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **7F7300**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **513BB5**, and **00004C** is the 20% darker color. If you saturate the color by 10%, you get **000C7F**, and if you desaturate by 10%, it is **0D177F**.

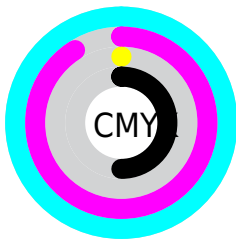
Distribution



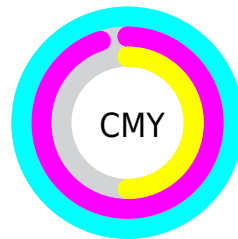
- Red (0%)
- Green (5%)
- Blue (50%)



- Red (0%)
- Yellow (4%)
- Blue (50%)



- Cyan (100%)
- Magenta (91%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (95%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000C7F 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 000C7F by changing the saturation by 10% instead.

 000C7F

 000C7F

 FFF4FF

 000065

 513BB5

 00004C

 6E53D1

 000534

 8B6CEE

 00021E

 A885FF

 000001

 C5A0FF

 000000

 E3BBFF

 FFD7FF

 000C7F

■ 0D177F

■ 19237F

■ 262E7F

■ 333A7F

■ 40467F

■ 4C517F

■ 595D7F

■ 66687F

■ 72747F

Harmonies

Analogous

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



002D93



000C7F



630053

Triad

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



000C7F



500600



00342C

Complementary

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



000C7F



7F7300

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.



003300



000C7F



272600

Square

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



000C7F



6C0000



003000



003761

Rectangle

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



000C7F



730031



003000



003419

Sweetspot

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



000C7F



7479A6



007F72



363954



D4D4D4



545454

Same Dimension

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



000C7F



0010A6



33007F



393A40



000C80



000000

Inverse Universe

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



7F000C



A60010



4C7F00



40393A



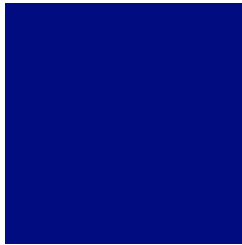
80000C



000000

Previews

White Background



This preview shows how the Hex color 000C7F looks on a white background.

Color Contrast Check

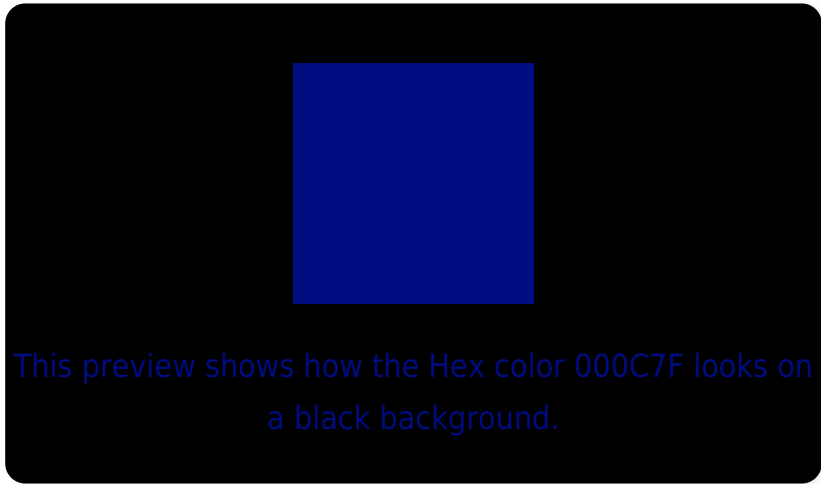
Large Text (above 18pt) WCAG AA ✓ Pass

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

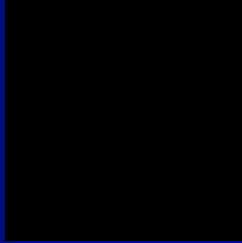
Any Text WCAG AA × Fail

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 000C7F Background



This preview shows how black text looks on a background with the Hex color 000C7F.



This preview shows how white text looks on a background with the Hex color 000C7F.

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
000C7F

Protanopia
002650

Deuteranopia
002943

Trichromacy



Original Color
000C7F

Protanomaly
001D61

Deuteranomaly
001E59

Tritanomaly
00204B

Monochromacy



Original Color
000C7F

Achromatopsia
161616

Achromatomaly
0E123C

CSS Examples

Text

The CSS property to change the color of the text to Hex 000C7F 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 #000C7F looks like.

```
.text, #text, p{  
    color:#000C7F  
}
```

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 #000C7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000C7F
}
```

Border

The CSS property to change the border of an element to Hex 000C7F 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
#000C7F }
```

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

```
.border{ border-color:#000C7F }
```

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

Here you see how a box with a 4 pixel #000C7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000C7F; -webkit-box-shadow:4px 4px  
4px 4px #000C7F; box-shadow:4px 4px 4px  
4px #000C7F }
```

Background

The CSS property to change the background color of an element to Hex 000C7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000C7F }
```

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

```
.background{ background-color:#000C7F }
```

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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