

Converting Colors

Hex(0B067F)

Have a look what the booklet for
Hex(0B067F) contains.

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Color

Hex(0B067F)

Conversions

Conversions Part 1

Format	Color
Hex	0B067F
RGB	11, 6, 127
RGB Percent	4%, 2%, 50%
CMY	0.9569, 0.9765, 0.5020
CMYK	0.91, 0.95, 0.00, 0.50
HSL	242°, 91%, 26%
HSV	242°, 95%, 50%
XYZ	4.0339, 1.7337, 20.2007
YIQ	21.2890, -35.8610, 38.6910

Conversions

Conversions Part 2

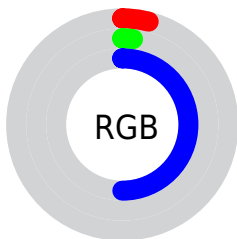
Format	Color
R_{YB}	11, 6, 127
Decimal	722559
CIE _{Lab}	14.02, 45.00, -62.31
CIE _{LCh}	14, 76.856, 305.838
Yxy	1.7337, 0.1553, 0.0668
Android (android.graphics.Color)	4278912639 (0xFF0B067F)
YUV	21.2890, 52.1155, -9.0235
Hunter-Lab	13.1670, 31.6437, -81.7452

Details

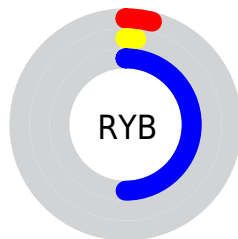
The Hex color **0B067F** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **7A7F06**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5537B5**, and **00004C** is the 20% darker color. If you saturate the color by 10%, you get **05007F**, and if you desaturate by 10%, it is **17137F**.

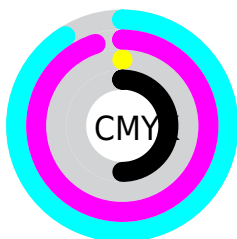
Distribution



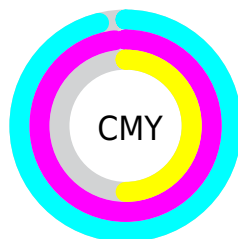
- Red (4%)
- Green (2%)
- Blue (50%)



- Red (4%)
- Yellow (2%)
- Blue (50%)



- Cyan (91%)
- Magenta (95%)
- Yellow (0%)
- Black (50%)



- Cyan (96%)
- Magenta (98%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B067F 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 0B067F by changing the saturation by 10% instead.

 0B067F

 0B067F

 FFF1FF

 000065

 5537B5

 00004C

 7250D1

 000534

 8F69EE

 00021E

 AC82FF

 000001

 C99DFF

 000000

 E7B8FF

 FFD4FF

 0B067F

 0B067F

■ 05007F

■ 17137F

■ 231F7F

■ 302C7F

■ 3C397F

■ 48467F

■ 54527F

■ 605F7F

■ 6C6C7F

■ 79787F

Harmonies

Analogous

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



002C95



0B067F



650051

Triad

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



0B067F



4E0600



00332E

Complementary

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



0B067F



7A7F06

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



0B067F



242600

Square

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



0B067F



6B0000



002F00



003764

Rectangle

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



0B067F



74002E



002F00



00331A

Sweetspot

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



0B067F



7876A6



067B7F



383754



D4D4D4



545454

Same Dimension

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



0B067F



0700A6



47067F



3A3940



050080



000000

Inverse Universe

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



7F067A



A6009F



3E7F06



40393F



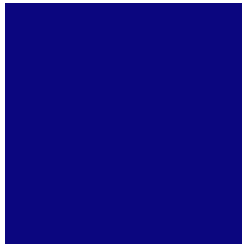
80007A



000000

Previews

White Background



This preview shows how the Hex color 0B067F looks on a white background.

Color Contrast Check

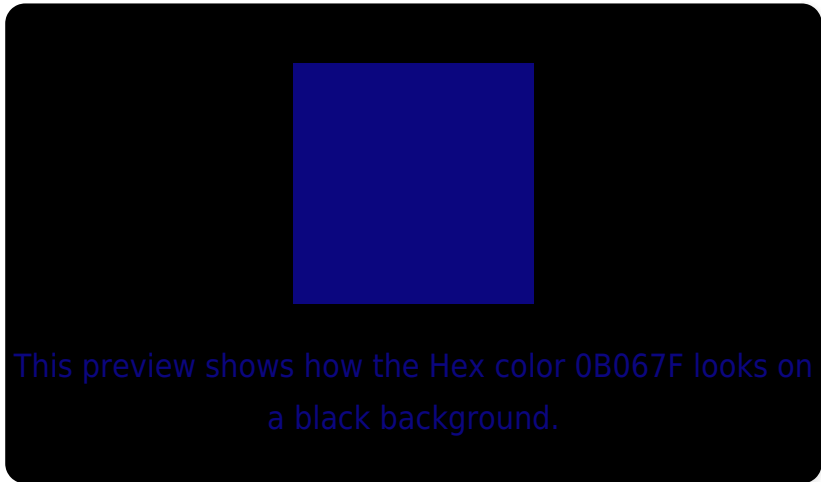
Large Text (above 18pt) WCAG AA ✓ Pass

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

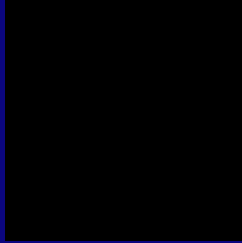
Any Text WCAG AA × Fail

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 0B067F Background



This preview shows how black text looks on a background with the Hex color 0B067F.



This preview shows how white text looks on a background with the Hex color 0B067F.

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
0B067F

Protanopia
00264F

Deuteranopia
002843



Tritanopia
002B2D

Trichromacy



Original Color
0B067F

Protanomaly
041A60

Deuteranomaly
041C59

Tritanomaly
041E4B

Monochromacy



Original Color
0B067F

Achromatopsia
151515

Achromatomaly
11103C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B067F 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 #0B067F looks like.

```
.text, #text, p{  
    color:#0B067F  
}
```

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 #0B067F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B067F
}
```

Border

The CSS property to change the border of an element to Hex 0B067F 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
#0B067F }
```

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

```
.border{ border-color:#0B067F }
```

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

Here you see how a box with a 4 pixel #0B067F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B067F; -webkit-box-shadow:4px 4px  
4px 4px #0B067F; box-shadow:4px 4px 4px  
4px #0B067F }
```

Background

The CSS property to change the background color of an element to Hex 0B067F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B067F }
```

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

```
.background{ background-color:#0B067F }
```

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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