

Converting Colors

Hex(000647)

Have a look what the booklet for
Hex(000647) contains.

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Color

Hex(000647)

Conversions

Conversions Part 1

Format	Color
Hex	000647
RGB	0, 6, 71
RGB Percent	0%, 2%, 28%
CMY	1.0000, 0.9765, 0.7216
CMYK	1.00, 0.92, 0.00, 0.72
HSL	235°, 100%, 14%
HSV	235°, 100%, 28%
XYZ	1.2025, 0.5852, 6.0108
YIQ	11.6160, -24.4410, 18.9430

Conversions

Conversions Part 2

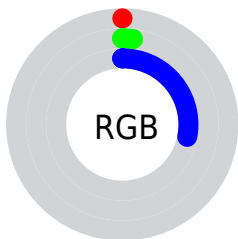
Format	Color
RYB	0, 6, 71
Decimal	1607
CIELab	5.29, 24.76, -39.45
CIELCh	5, 46.577, 302.107
Yxy	0.5852, 0.1542, 0.0750
Android (android.graphics.Color)	4278191687 (0xFF000647)
YUV	11.6160, 29.2763, -10.1872
Hunter-Lab	7.6497, 14.6713, -41.2327

Details

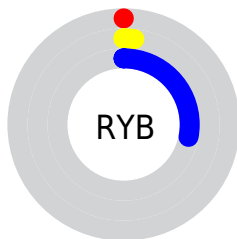
The Hex color **000647** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **474100**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **3B3178**, and **00011A** is the 20% darker color. If you saturate the color by 10%, you get **000647**, and if you desaturate by 10%, it is **070C47**.

Distribution



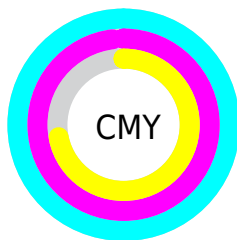
- Red (0%)
- Green (2%)
- Blue (28%)



- Red (0%)
- Yellow (2%)
- Blue (28%)



- Cyan (100%)
- Magenta (92%)
- Yellow (0%)
- Black (72%)



- Cyan (100%)
- Magenta (98%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000647 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 000647 by changing the saturation by 10% instead.

 000647

 000647

 FBE5FF

 000030

 3B3178

 00011A

 554892

 000000

 6F60AD

 8A79C9

 A592E5

 C1ADFF

 DEC8FF

 000647

■ 070C47

■ 0E1347

■ 151947

■ 1C2047

■ 242747

■ 2B2D47

■ 323347

■ 393A47

■ 404147

Harmonies

Analogous

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



001751



000647



35002F

Triad

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



000647



2E0100



001C14

Complementary

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



000647



474100

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.



001B00



000647



151200

Square

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



000647



3D0000



001B00



001D32

Rectangle

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



000647



3F001C



001B00



001B03

Sweetspot

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



000647



40435C



004740



1D1F2E



ADADAD



2E2E2E

Same Dimension

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



000647



00085C



1C0047



202024



000863



0013E3

Inverse Universe

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



470006



5C0008



2B4700



242020



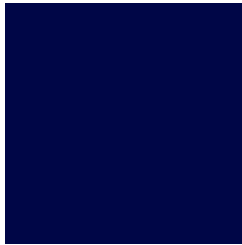
630008



E30013

Previews

White Background



This preview shows how the Hex color 000647 looks on a white background.

Color Contrast Check

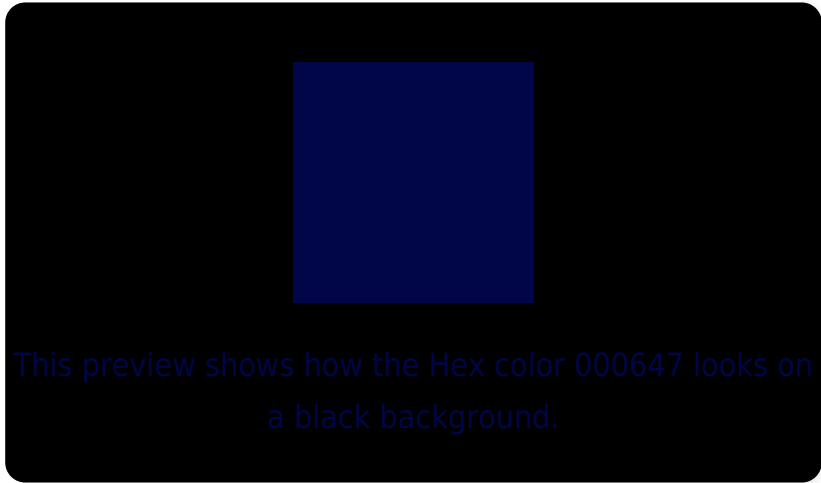
Large Text (above 18pt) WCAG AA ✓ Pass

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

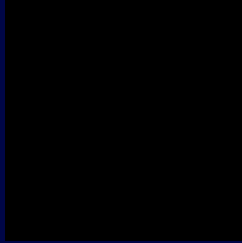
Any Text WCAG AA × Fail

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 000647 Background



This preview shows how black text looks on a background with the Hex color 000647.



This preview shows how white text looks on a background with the Hex color 000647.

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
000647

Protanopia
00152C

Deuteranopia
001726



Tritanopia
001819

Trichromacy



Original Color

000647

Protanomaly

001036

Deuteranomaly

001132

Tritanomaly

00112A

Monochromacy



Original Color

000647

Achromatopsia

0C0C0C

Achromatomaly

080A21

CSS Examples

Text

The CSS property to change the color of the text to Hex 000647 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 #000647 looks like.

```
.text, #text, p{  
    color:#000647  
}
```

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 #000647 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000647
}
```

Border

The CSS property to change the border of an element to Hex 000647 is called "border". The border property can be set on classes, ids or directly on the HTML element.

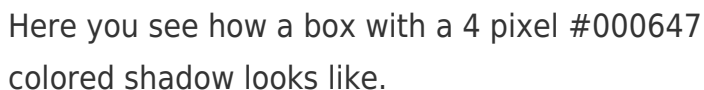
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#000647 }
```

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

```
.border{ border-color:#000647 }
```

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



Here you see how a box with a 4 pixel #000647 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000647; -webkit-box-shadow:4px 4px  
4px 4px #000647; box-shadow:4px 4px 4px  
4px #000647 }
```

Background

The CSS property to change the background color of an element to Hex 000647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000647 }
```

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

```
.background{ background-color:#000647 }
```

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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