

Converting Colors

Hex(0B0848)

Have a look what the booklet for
Hex(0B0848) contains.

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Color

Hex(0B0848)

Conversions

Conversions Part 1

Format	Color
Hex	0B0848
RGB	11, 8, 72
RGB Percent	4%, 3%, 28%
CMY	0.9569, 0.9686, 0.7176
CMYK	0.85, 0.89, 0.00, 0.72
HSL	243°, 80%, 16%
HSV	243°, 89%, 28%
XYZ	1.3945, 0.7127, 6.1950
YIQ	16.1930, -18.7560, 20.5400

Conversions

Conversions Part 2

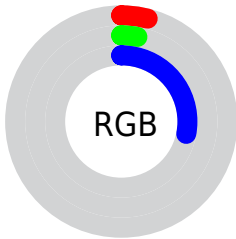
Format	Color
RYB	11, 8, 72
Decimal	723016
CIELab	6.44, 25.69, -38.24
CIELCh	6, 46.067, 303.897
Yxy	0.7127, 0.1680, 0.0858
Android (android.graphics.Color)	4278913096 (0xFF0B0848)
YUV	16.1930, 27.5129, -4.5543
Hunter-Lab	8.4421, 14.7125, -37.5984

Details

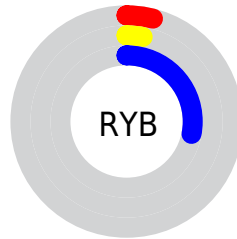
The Hex color **0B0848** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **454808**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **423379**, and **00011B** is the 20% darker color. If you saturate the color by 10%, you get **040148**, and if you desaturate by 10%, it is **120F48**.

Distribution



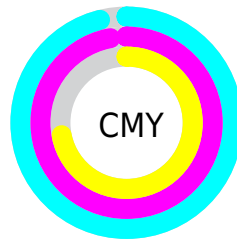
- Red (4%)
- Green (3%)
- Blue (28%)



- Red (4%)
- Yellow (3%)
- Blue (28%)



- Cyan (85%)
- Magenta (89%)
- Yellow (0%)
- Black (72%)



- Cyan (96%)
- Magenta (97%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B0848 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 0B0848 by changing the saturation by 10% instead.

■ 0B0848

■ 0B0848

■ FFE7FF

■ 000031

■ 423379

■ 00011B

■ 5C4A94

■ 000000

■ 7662AE

■ 917BCA

■ AC95E6

■ C8AFFF

■ E5CBFF

■ 0B0848

■ 0B0848

■ 040148

■ 120F48

■ 030048

■ 191648

■ 201E48

■ 262548

■ 2D2C48

■ 343348

■ 3B3A48

■ 424248

■ 494948

Harmonies

Analogous

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



001953



0B0848



380030

Triad

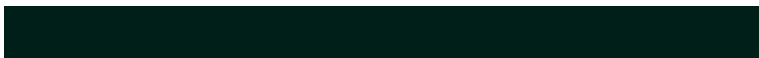
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0B0848



2F0500



001F18

Complementary

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



0B0848



454808

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.



001F00



0B0848



171500

Square

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



0B0848



3F0000



001E00



002136

Rectangle

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



0B0848



42001C



001E00



001F0A

Sweetspot

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



0B0848



46455E



084648



222130



B0B0B0



303030

Same Dimension

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



0B0848



04005E



2A0848



202024



050063



0B00E3

Inverse Universe

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



480845



5E005A



264808



242024



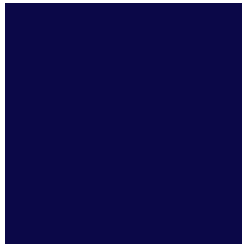
63005F



E300D8

Previews

White Background



This preview shows how the Hex color 0B0848 looks on a white background.

Color Contrast Check

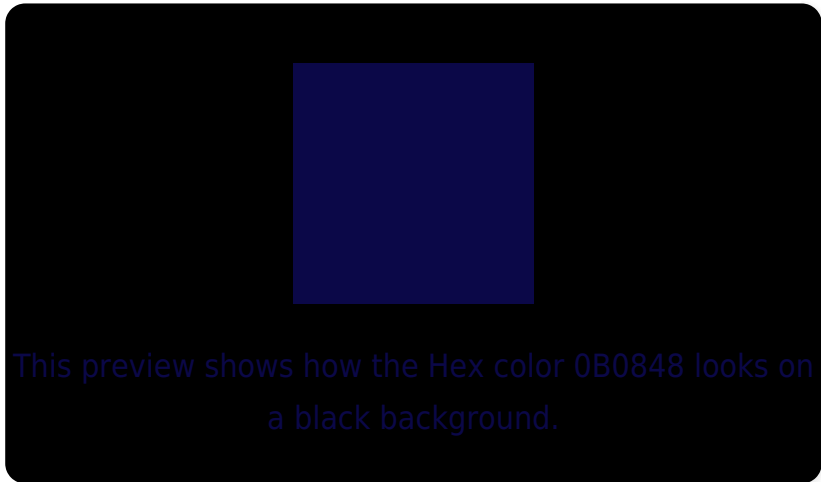
Large Text (above 18pt) WCAG AA ✓ Pass

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

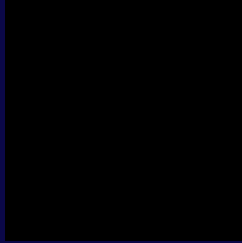
Any Text WCAG AA × Fail

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 0B0848 Background



This preview shows how black text looks on a background with the Hex color 0B0848.



This preview shows how white text looks on a background with the Hex color 0B0848.

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
0B0848

Protanopia
00162F

Deuteranopia
001827



Tritanopia
001A1B

Trichromacy



Original Color
0B0848

Protanomaly
041138

Deuteranomaly
041233

Tritanomaly
04132B

Monochromacy



Original Color
0B0848

Achromatopsia
101010

Achromatomaly
0E0D24

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B0848 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 #0B0848 looks like.

```
.text, #text, p{  
    color:#0B0848  
}
```

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 #0B0848 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B0848
}
```

Border

The CSS property to change the border of an element to Hex 0B0848 is called "border". The border property can be set on classes, ids or directly on the HTML element.

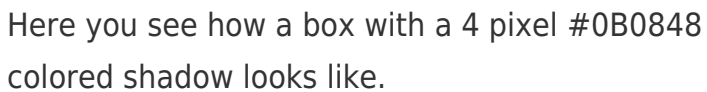
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0B0848 }
```

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

```
.border{ border-color:#0B0848 }
```

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



Here you see how a box with a 4 pixel #0B0848 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B0848; -webkit-box-shadow:4px 4px  
4px 4px #0B0848; box-shadow:4px 4px 4px  
4px #0B0848 }
```

Background

The CSS property to change the background color of an element to Hex 0B0848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B0848 }
```

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

```
.background{ background-color:#0B0848 }
```

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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