

# Converting Colors

Hex(0B0B42)

Have a look what the booklet for  
Hex(0B0B42) contains.

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# Color

**Hex(0B0B42)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B0B42
RGB	11, 11, 66
RGB Percent	4%, 4%, 26%
CMY	0.9569, 0.9569, 0.7412
CMYK	0.83, 0.83, 0.00, 0.74
HSL	240°, 71%, 15%
HSV	240°, 83%, 26%
XYZ	1.2411, 0.7038, 5.2247
YIQ	17.2700, -17.6550, 17.1050

# Conversions

## Conversions Part 2

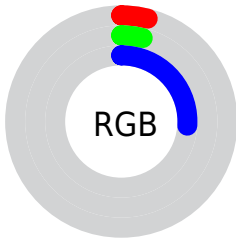
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	11, 11, 66
Decimal	723778
CIE Lab	6.36, 21.37, -34.13
CIE LCh	6, 40.267, 302.052
Yxy	0.7038, 0.1731, 0.0982
Android (android.graphics.Color)	4278913858 (0xFF0B0B42)
YUV	17.2700, 24.0239, -5.4988
Hunter-Lab	8.3895, 11.7237, -31.0511

# Details

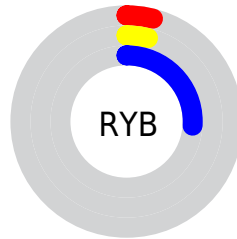
The Hex color **0B0B42** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **42420B**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **403573**, and **000116** is the 20% darker color. If you saturate the color by 10%, you get **040442**, and if you desaturate by 10%, it is **121242**.

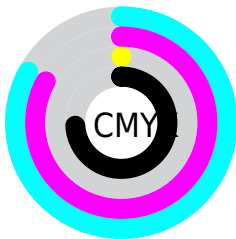
# Distribution



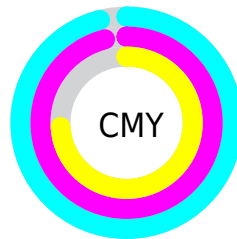
- Red (4%)
- Green (4%)
- Blue (26%)



- Red (4%)
- Yellow (4%)
- Blue (26%)



- Cyan (83%)
- Magenta (83%)
- Yellow (0%)
- Black (74%)



- Cyan (96%)
- Magenta (96%)
- Yellow (74%)
- Black (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B0B42 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 0B0B42 by changing the saturation by 10% instead.



0B0B42

0B0B42

FDEAFF

00002B

403573

000116

594C8D

000000

7364A7

8D7DC3

A897DF

C4B2FB

E0CDFF

0B0B42

0B0B42

■ 040442

■ 121242

■ 000042

■ 181842

■ 1F1F42

■ 252542

■ 2C2C42

■ 333342

■ 393942

■ 404042

■ 464642

# Harmonies

## Analogous

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



00184A



0B0B42



33002D

# Triad

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



0B0B42



2E0600



001F15

# Complementary

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



0B0B42



42420B

# 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.



001E00



0B0B42



191400

# Square

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



0B0B42



3B0000



001C00



002030

# Rectangle

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



0B0B42



3C001D



001C00



001F08



# Sweetspot

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



0B0B42



414157



0B4242



1E1E2B



ABABAB



2B2B2B



# Same Dimension

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



0B0B42



000057



270B42



1E1E21



000061



0000E0



# Inverse Universe

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



420B42



570057



27420B



211E21



610061

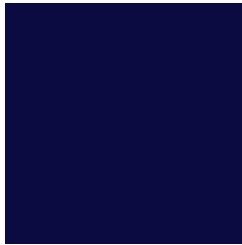


E000E0



# Previews

## White Background



This preview shows how the Hex color 0B0B42 looks on a white background.

## Color Contrast Check

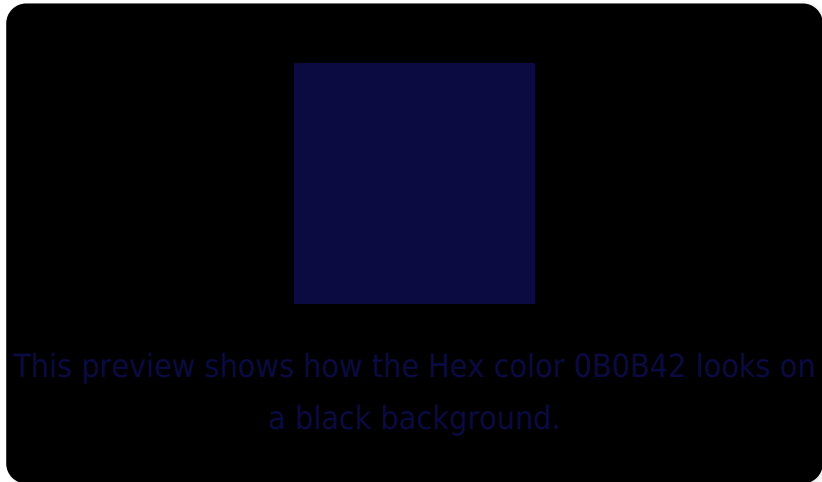
Large Text (above 18pt) WCAG AA ✓ Pass

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

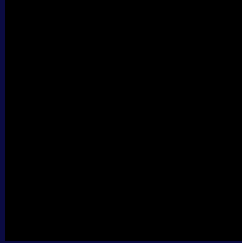
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0B0B42 Background



This preview shows how black text looks on a background with the Hex color 0B0B42.



This preview shows how white text looks on a background with the Hex color 0B0B42.

# 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**  
0B0B42

**Protanopia**  
00152D

**Deuteranopia**  
001726



**Tritanopia**  
00191A

# Trichromacy



**Original Color**  
0B0B42

**Protanomaly**  
041135

**Deuteranomaly**  
041330

**Tritanomaly**  
041429

# Monochromacy



**Original Color**  
0B0B42

**Achromatopsia**  
111111

**Achromatomaly**  
0F0F23

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B0B42 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 #0B0B42 looks like.

```
.text, #text, p{  
    color:#0B0B42  
}
```

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 #0B0B42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B0B42
}
```

## Border

The CSS property to change the border of an element to Hex 0B0B42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

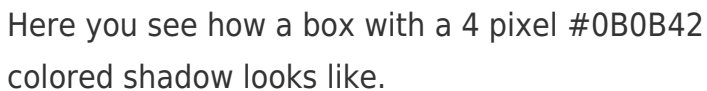
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0B0B42 }
```

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

```
.border{ border-color:#0B0B42 }
```

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



Here you see how a box with a 4 pixel #0B0B42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B0B42; -webkit-box-shadow:4px 4px  
4px 4px #0B0B42; box-shadow:4px 4px 4px  
4px #0B0B42 }
```

# Background

The CSS property to change the background color of an element to Hex 0B0B42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B0B42 }
```

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

```
.background{ background-color:#0B0B42 }
```

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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