

# Converting Colors

Hex(0B0C4E)

Have a look what the booklet for  
Hex(0B0C4E) contains.

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# Color

**Hex(0B0C4E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B0C4E
RGB	11, 12, 78
RGB Percent	4%, 5%, 31%
CMY	0.9569, 0.9529, 0.6941
CMYK	0.86, 0.85, 0.00, 0.69
HSL	239°, 75%, 17%
HSV	239°, 86%, 31%
XYZ	1.6446, 0.8841, 7.2917
YIQ	19.2250, -21.7820, 20.3140

# Conversions

## Conversions Part 2

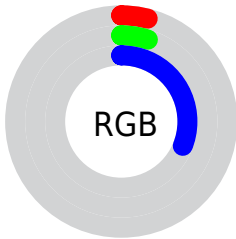
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	11, 12, 78
Decimal	724046
CIE Lab	7.99, 25.93, -39.86
CIE LCh	8, 47.556, 303.048
Yxy	0.8841, 0.1675, 0.0900
Android (android.graphics.Color)	4278914126 (0xFF0B0C4E)
YUV	19.2250, 28.9761, -7.2133
Hunter-Lab	9.4029, 14.7656, -39.3957

# Details

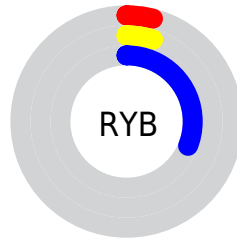
The Hex color **0B0C4E** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4E4D0B**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **443680**, and **000220** is the 20% darker color. If you saturate the color by 10%, you get **03044E**, and if you desaturate by 10%, it is **13144E**.

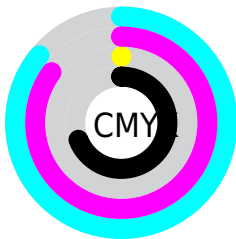
# Distribution



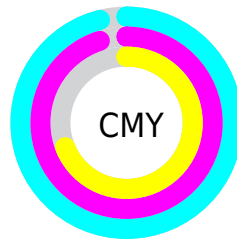
- Red (4%)
- Green (5%)
- Blue (31%)



- Red (4%)
- Yellow (5%)
- Blue (31%)



- Cyan (86%)
- Magenta (85%)
- Yellow (0%)
- Black (69%)



- Cyan (96%)
- Magenta (95%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B0C4E 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 0B0C4E by changing the saturation by 10% instead.



 0B0C4E

 0B0C4E

 FFECFF

 000037

 443680

 000220

 5E4D9A

 000005

 7866B5

 000000

 937FD1

 AF99EE

 CBB4FF

 E8CFFF

 0B0C4E

 0B0C4E

■ 03044E

■ 13144E

■ 00014E

■ 1B1B4E

■ 22234E

■ 2A2B4E

■ 32324E

■ 3A3A4E

■ 42424E

■ 49494E

■ 51514E

# Harmonies

## Analogous

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



001C59



0B0C4E



3C0035

# Triad

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



0B0C4E



340700



00231A

# Complementary

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



0B0C4E



4E4D0B

# 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.



002300



0B0C4E



1C1800

# Square

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



0B0C4E



450000



002000



00253A

# Rectangle

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



0B0C4E



470020



002000



00230D



# Sweetspot

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



0B0C4E



4B4C66



0B4E4D



232333



B3B3B3



333333



# Same Dimension

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



0B0C4E



000266



2B0B4E



222226



0003E6

# Inverse Universe

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



4E0B0C



660002



2E4E0B



262222



E60003

# Previews

## White Background



This preview shows how the Hex color 0B0C4E looks on a white background.

## Color Contrast Check

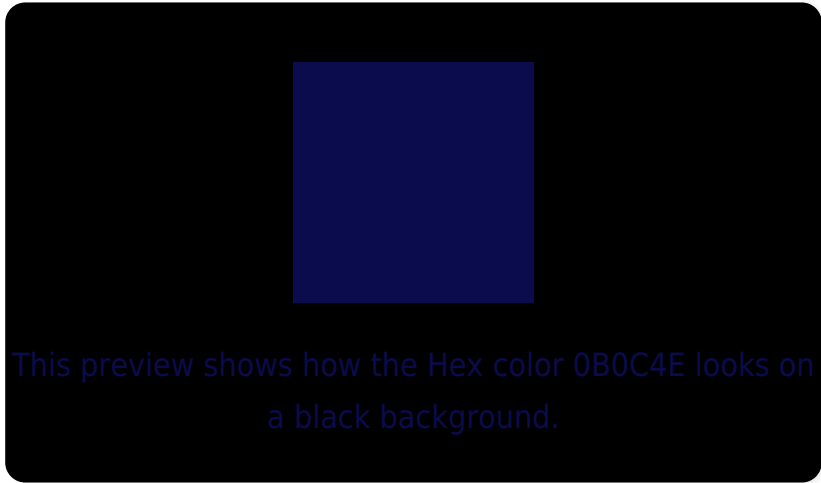
Large Text (above 18pt) WCAG AA ✓ Pass

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

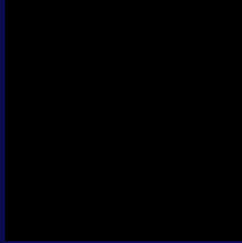
Any Text WCAG AA × Fail

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 0B0C4E Background



This preview shows how black text looks on a background with the Hex color 0B0C4E.



This preview shows how white text looks on a background with the Hex color 0B0C4E.

# 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**  
0B0C4E

**Protanopia**  
001934

**Deuteranopia**  
001A2C





**Tritanopia**  
001D1E

# Trichromacy



**Original Color**  
0B0C4E

**Protanomaly**  
04143D

**Deuteranomaly**  
041538

**Tritanomaly**  
04172F

# Monochromacy



**Original Color**  
0B0C4E

**Achromatopsia**  
131313

**Achromatomaly**  
101028

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B0C4E 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 #0B0C4E looks like.

```
.text, #text, p{  
    color:#0B0C4E  
}
```

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 #0B0C4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B0C4E
}
```

## Border

The CSS property to change the border of an element to Hex 0B0C4E 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
#0B0C4E }
```

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

```
.border{ border-color:#0B0C4E }
```

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

Here you see how a box with a 4 pixel #0B0C4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B0C4E; -webkit-box-shadow:4px 4px  
4px 4px #0B0C4E; box-shadow:4px 4px 4px  
4px #0B0C4E }
```

# Background

The CSS property to change the background color of an element to Hex 0B0C4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B0C4E }
```

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

```
.background{ background-color:#0B0C4E }
```

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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