

Converting Colors

Hex(0B0D3E)

Have a look what the booklet for
Hex(0B0D3E) contains.

Hex(0B0D3E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0B0D3E)

Conversions

Conversions Part 1

Format	Color
Hex	0B0D3E
RGB	11, 13, 62
RGB Percent	4%, 5%, 24%
CMY	0.9569, 0.9490, 0.7569
CMYK	0.82, 0.79, 0.00, 0.76
HSL	238°, 70%, 14%
HSV	238°, 82%, 24%
XYZ	1.1514, 0.7068, 4.6332
YIQ	17.9880, -16.9210, 14.8150

Conversions

Conversions Part 2

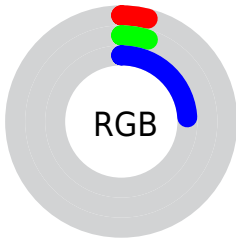
Format	Color
R_{YB}	11, 13, 62
Decimal	724286
CIE Lab	6.38, 18.35, -31.23
CIE LCh	6, 36.222, 300.437
Yxy	0.7068, 0.1774, 0.1089
Android (android.graphics.Color)	4278914366 (0xFF0B0D3E)
YUV	17.9880, 21.6979, -6.1285
Hunter-Lab	8.4071, 9.7349, -26.7898

Details

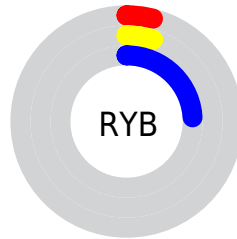
The Hex color **0B0D3E** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3E3C0B**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **3E376E**, and **000111** is the 20% darker color. If you saturate the color by 10%, you get **05073E**, and if you desaturate by 10%, it is **11133E**.

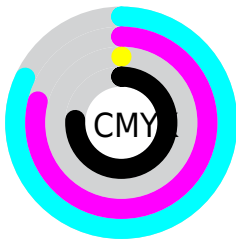
Distribution



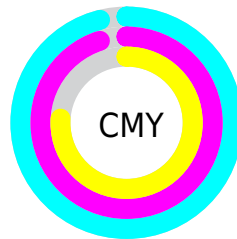
- Red (4%)
- Green (5%)
- Blue (24%)



- Red (4%)
- Yellow (5%)
- Blue (24%)



- Cyan (82%)
- Magenta (79%)
- Yellow (0%)
- Black (76%)



- Cyan (96%)
- Magenta (95%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Hex color 0B0D3E 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 0B0D3E by changing the saturation by 10% instead.


 0B0D3E

 0B0D3E

 FBEBFF

 000128

 3E376E

 000111

 574E88

 000000

 7066A2

 8B7FBE

 A699D9

 C1B4F6

 DECFFF

 0B0D3E

 0B0D3E

■ 05073E

■ 11133E

■ 00023E

■ 17193E

■ 1E1F3E

■ 24253E

■ 2A2B3E

■ 30313E

■ 36373E

■ 3D3D3E

■ 43433E

Harmonies

Analogous

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



001845



0B0D3E



2F002C

Triad

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



0B0D3E



2D0700



001F14

Complementary

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



0B0D3E



3E3C0B

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



0B0D3E



1B1400

Square

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



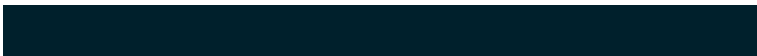
0B0D3E



390000



001B00



00202C

Rectangle

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



0B0D3E



38001D



001B00



001F07

Sweetspot

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



0B0D3E



3D3E52



0B3E3B



1D1D29



A8A8A8



292929

Same Dimension

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



0B0D3E



010452



220B3E



1C1C1F



00045E



0009DE

Inverse Universe

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



3E0B0D



520104



273E0B



1F1C1C



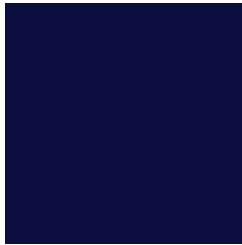
5E0004



DE0009

Previews

White Background



This preview shows how the Hex color 0B0D3E looks on a white background.

Color Contrast Check

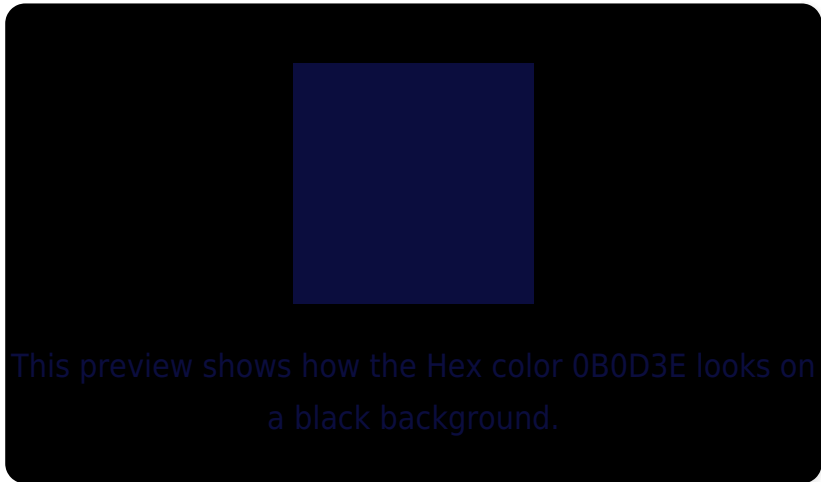
Large Text (above 18pt) WCAG AA ✓ Pass

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

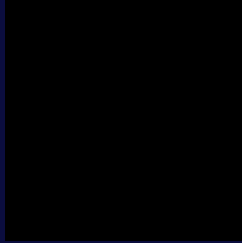
Any Text WCAG AA × Fail

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 0B0D3E Background



This preview shows how black text looks on a background with the Hex color 0B0D3E.



This preview shows how white text looks on a background with the Hex color 0B0D3E.

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
0B0D3E

Protanopia
00152C

Deuteranopia
001625



Tritanopia
001819

Trichromacy



Original Color
0B0D3E

Protanomaly
041233

Deuteranomaly
04132E

Tritanomaly
041426

Monochromacy



Original Color
0B0D3E

Achromatopsia
121212

Achromatomaly
0F1022

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B0D3E 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 #0B0D3E looks like.

```
.text, #text, p{  
    color:#0B0D3E  
}
```

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 #0B0D3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B0D3E
}
```

Border

The CSS property to change the border of an element to Hex 0B0D3E 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".

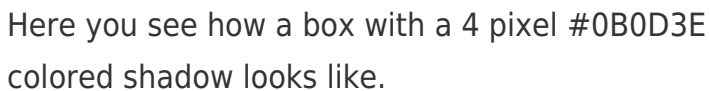
```
.border, #border, table{ border:4px solid
#0B0D3E }
```

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

```
.border{ border-color:#0B0D3E }
```

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

Here you see how a box with a 4 pixel #0B0D3E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B0D3E; -webkit-box-shadow:4px 4px  
4px 4px #0B0D3E; box-shadow:4px 4px 4px  
4px #0B0D3E }
```

Background

The CSS property to change the background color of an element to Hex 0B0D3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B0D3E }
```

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

```
.background{ background-color:#0B0D3E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor