

Converting Colors

Hex(0B002A)

Have a look what the booklet for
Hex(0B002A) contains.

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Color

Hex(0B002A)

Conversions

Conversions Part 1

Format	Color
Hex	0B002A
RGB	11, 0, 42
RGB Percent	4%, 0%, 16%
CMY	0.9569, 1.0000, 0.8353
CMYK	0.74, 1.00, 0.00, 0.84
HSL	256°, 100%, 8%
HSV	256°, 100%, 16%
XYZ	0.5559, 0.2383, 2.2072
YIQ	8.0770, -6.9260, 15.3940

Conversions

Conversions Part 2

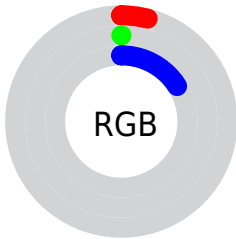
Format	Color
RYB	11, 0, 42
Decimal	720938
CIELab	2.15, 13.49, -23.23
CIELCh	2, 26.869, 300.147
Yxy	0.2383, 0.1852, 0.0794
Android (android.graphics.Color)	4278911018 (0xFF0B002A)
YUV	8.0770, 16.7240, 2.5635
Hunter-Lab	4.8817, 11.7844, -23.3896

Details

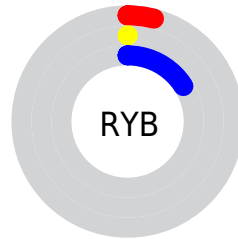
The Hex color **0B002A** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **1F2A00**, and the grayscale version is **080808**.

A 20% lighter version of the original color is **363058**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0B002A**, and if you desaturate by 10%, it is **0E042A**.

Distribution



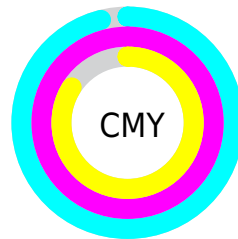
- Red (4%)
- Green (0%)
- Blue (16%)



- Red (4%)
- Yellow (0%)
- Blue (16%)



- Cyan (74%)
- Magenta (100%)
- Yellow (0%)
- Black (84%)



- Cyan (96%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B002A 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 0B002A by changing the saturation by 10% instead.

 0B002A

 0B002A

 EDE2FF

 000114

 363058

 000000

 4D4670

 665E8A

 7F76A4

 9A90BF

 B5ABDB

 D1C6F8

 0B002A

■ 0E042A

■ 11082A

■ 140D2A

■ 17112A

■ 1A152A

■ 1E192A

■ 211D2A

■ 24222A

■ 27262A

Harmonies

Analogous

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



000B2F



0B002A



22001E

Triad

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



0B002A



200000



000E08

Complementary

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



0B002A



1F2A00

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.



000E00



0B002A



0C0800

Square

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



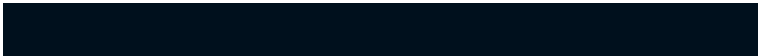
0B002A



290000



000E00



00101D

Rectangle

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



0B002A



290012



000E00

Sweetspot

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



0B002A



2A2536



001F2A



15121C



9C9C9C



1C1C1C

Same Dimension

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



0B002A



0E0036



1F002A



131214



160054



3700D4

Inverse Universe

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



2A001F



360028



0A2A00



141214



54003E



D4009C

Previews

White Background



This preview shows how the Hex color 0B002A looks on a white background.

Color Contrast Check

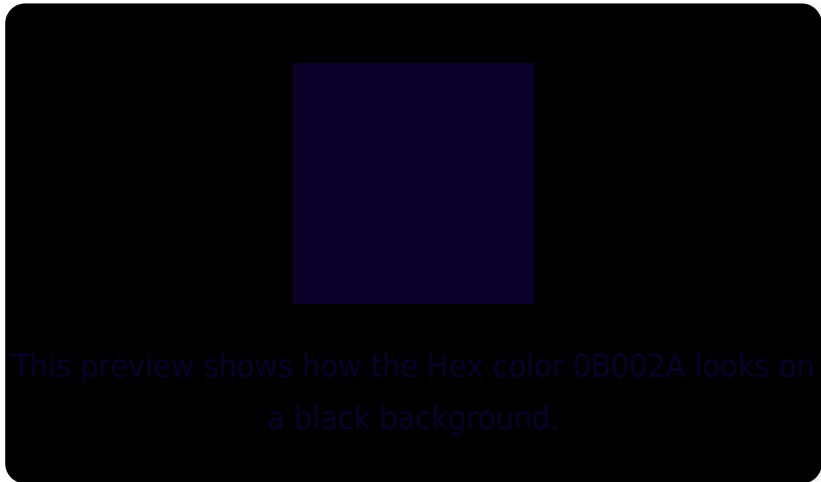
Large Text (above 18pt) WCAG AA ✓ Pass

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

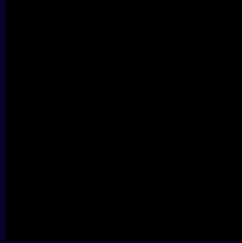
Any Text WCAG AA × Fail

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 0B002A Background



This preview shows how black text looks on a background with the Hex color 0B002A.



This preview shows how white text looks on a background with the Hex color 0B002A.

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
0B002A

Protanopia
000D1C

Deuteranopia
000E17



Tritanopia
000F10

Trichromacy



Original Color
0B002A

Protanomaly
040821

Deuteranomaly
04091E

Tritanomaly
040A19

Monochromacy



Original Color
0B002A

Achromatopsia
080808

Achromatomaly
090514

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B002A 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 #0B002A looks like.

```
.text, #text, p{  
    color:#0B002A  
}
```

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 #0B002A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B002A
}
```

Border

The CSS property to change the border of an element to Hex 0B002A 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
#0B002A }
```

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

```
.border{ border-color:#0B002A }
```

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

Here you see how a box with a 4 pixel #0B002A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B002A; -webkit-box-shadow:4px 4px  
4px 4px #0B002A; box-shadow:4px 4px 4px  
4px #0B002A }
```

Background

The CSS property to change the background color of an element to Hex 0B002A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B002A }
```

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

```
.background{ background-color:#0B002A }
```

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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