

Converting Colors

Hex(0B0228)

Have a look what the booklet for
Hex(0B0228) contains.

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Color

Hex(0B0228)

Conversions

Conversions Part 1

Format	Color
Hex	0B0228
RGB	11, 2, 40
RGB Percent	4%, 1%, 16%
CMY	0.9569, 0.9922, 0.8431
CMYK	0.73, 0.95, 0.00, 0.84
HSL	254°, 90%, 8%
HSV	254°, 95%, 16%
XYZ	0.5427, 0.2678, 2.0306
YIQ	9.0230, -6.8340, 13.7260

Conversions

Conversions Part 2

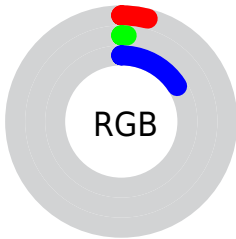
Format	Color
RYB	11, 2, 40
Decimal	721448
CIELab	2.42, 11.81, -21.28
CIElCh	2, 24.337, 299.021
Yxy	0.2678, 0.1910, 0.0942
Android (android.graphics.Color)	4278911528 (0xFF0B0228)
YUV	9.0230, 15.2717, 1.7338
Hunter-Lab	5.1746, 9.6659, -19.6437

Details

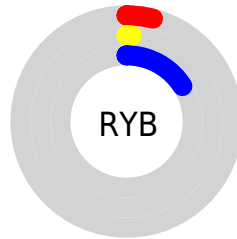
The Hex color **0B0228** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **1F2802**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **353155**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **090028**, and if you desaturate by 10%, it is **0E0628**.

Distribution



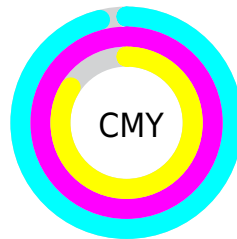
- Red (4%)
- Green (1%)
- Blue (16%)



- Red (4%)
- Yellow (1%)
- Blue (16%)



- Cyan (73%)
- Magenta (95%)
- Yellow (0%)
- Black (84%)



- Cyan (96%)
- Magenta (99%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B0228 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 0B0228 by changing the saturation by 10% instead.

■ 0B0228

■ 0B0228

■ ECE4FF

■ 000112

■ 353155

■ 000000

■ 4D486E

■ 665F87

■ 7F78A1

■ 9992BD

■ B4ACD8

■ D0C7F5

■ 0B0228

■ 0B0228

■ 090028

■ 0E0628

■ 110A28

■ 140E28

■ 171228

■ 1A1628

■ 1D1A28

■ 201E28

■ 232228

■ 262628

Harmonies

Analogous

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



000C2C



0B0228



20001D

Triad

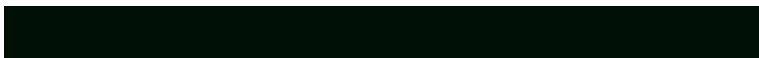
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0B0228



1F0000



001007

Complementary

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



0B0228



1F2802

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.



001000



0B0228



0E0800

Square

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



0B0228



280000



001000



00111C

Rectangle

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



0B0228



270013



001000

Sweetspot

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



0B0228



282433



021F28



13111A



999999



1A1A1A

Same Dimension

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



0B0228



0C0033



1E0228



131214



140054



3200D4

Inverse Universe

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



28021F



330027



0C2802



141214



540040



D400A2

Previews

White Background



This preview shows how the Hex color 0B0228 looks on a white background.

Color Contrast Check

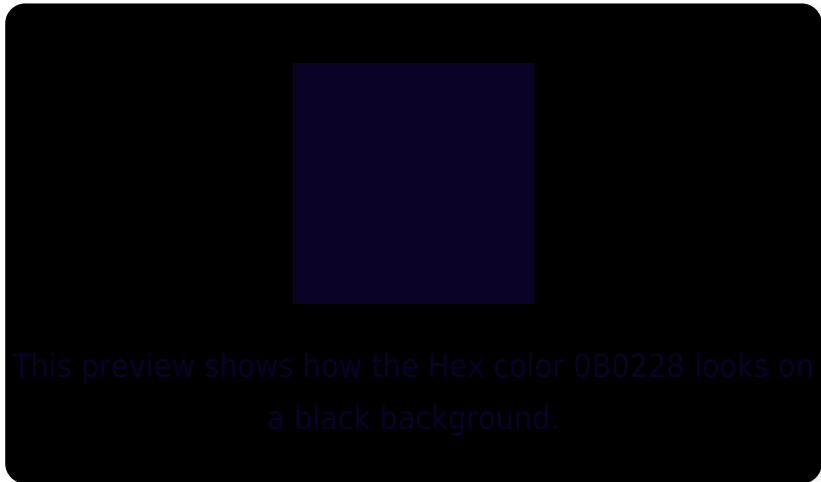
Large Text (above 18pt) WCAG AA ✓ Pass

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

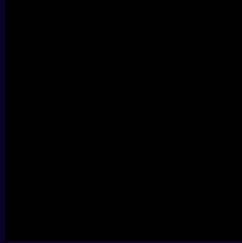
Any Text WCAG AA × Fail

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 0B0228 Background



This preview shows how black text looks on a background with the Hex color 0B0228.



This preview shows how white text looks on a background with the Hex color 0B0228.

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
0B0228

Protanopia
000D1B

Deuteranopia
000E17



Tritanopia
000F0F

Trichromacy



Original Color
0B0228

Protanomaly
040920

Deuteranomaly
040A1D

Tritanomaly
040A18

Monochromacy



Original Color
0B0228

Achromatopsia
090909

Achromatomaly
0A0614

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B0228 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 #0B0228 looks like.

```
.text, #text, p{  
    color:#0B0228  
}
```

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 #0B0228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B0228
}
```

Border

The CSS property to change the border of an element to Hex 0B0228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

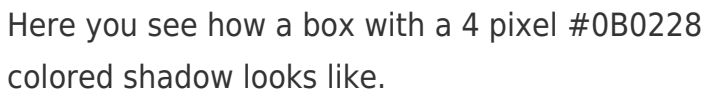
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0B0228 }
```

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

```
.border{ border-color:#0B0228 }
```

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



Here you see how a box with a 4 pixel #0B0228 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B0228; -webkit-box-shadow:4px 4px  
4px 4px #0B0228; box-shadow:4px 4px 4px  
4px #0B0228 }
```

Background

The CSS property to change the background color of an element to Hex 0B0228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B0228 }
```

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

```
.background{ background-color:#0B0228 }
```

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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