

# Converting Colors

Hex(0B270B)

Have a look what the booklet for  
Hex(0B270B) contains.

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# Color

**Hex(0B270B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B270B
RGB	11, 39, 11
RGB Percent	4%, 15%, 4%
CMY	0.9569, 0.8471, 0.9569
CMYK	0.72, 0.00, 0.72, 0.85
HSL	120°, 56%, 10%
HSV	120°, 72%, 15%
XYZ	0.9239, 1.5463, 0.5664
YIQ	27.4360, -7.7000, -14.6440

# Conversions

## Conversions Part 2

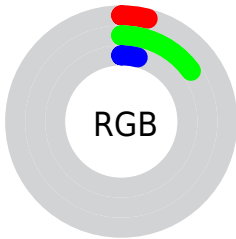
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	11, 39, 39
Decimal	730891
CIE <sub>Lab</sub>	12.90, -17.86, 14.14
CIE <sub>LCh</sub>	13, 22.778, 141.628
Yxy	1.5463, 0.3043, 0.5092
Android (android.graphics.Color)	4278920971 (0xFF0B270B)
YUV	27.4360, -8.1029, -14.4144
Hunter-Lab	12.4352, -8.4991, 6.0042

# Details

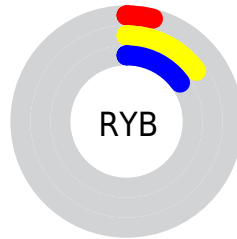
The Hex color **0B270B** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **270B27**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **375436**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **072707**, and if you desaturate by 10%, it is **0F270F**.

# Distribution



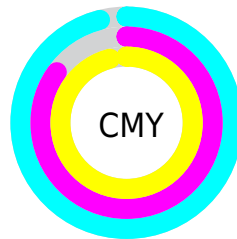
- Red (4%)
- Green (15%)
- Blue (4%)



- Red (4%)
- Yellow (15%)
- Blue (15%)



- Cyan (72%)
- Magenta (0%)
- Yellow (72%)
- Black (85%)



- Cyan (96%)
- Magenta (85%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B270B 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 0B270B by changing the saturation by 10% instead.



 0B270B

 0B270B

 EEFEB

 001200

 375436

 000000

 4F6D4D

 678665

 81A17F

 9BBC99

 B6D7B3

 D2F4CF

 0B270B

 0B270B

■ 072707

■ 0F270F

■ 032703

■ 132713

■ 002700

■ 172717

■ 1B271B

■ 1F271F

■ 222722

■ 262726

■ 2A272A

■ 2E272E

# Harmonies

## Analogous

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



202400



0B270B



00291C

# Triad

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



0B270B



002441



3E1317

# Complementary

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



0B270B



270B27

# 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.



3C1326



0B270B



191F3F

# Square

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



0B270B



00283A



301835



391904

# Rectangle

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



0B270B



002927



301835



3E121C



# Sweetspot

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



0B270B



283328



27270B



131A13



999999



1A1A1A



# Same Dimension

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



0B270B



073307



0B2719



121412



005400



00D400



# Inverse Universe

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



270B27



330733



270B19



141214



540054

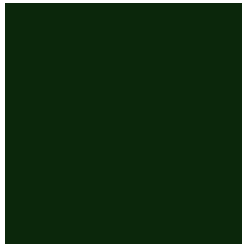


D400D4



# Previews

## White Background



This preview shows how the Hex color 0B270B looks on a white background.

## Color Contrast Check

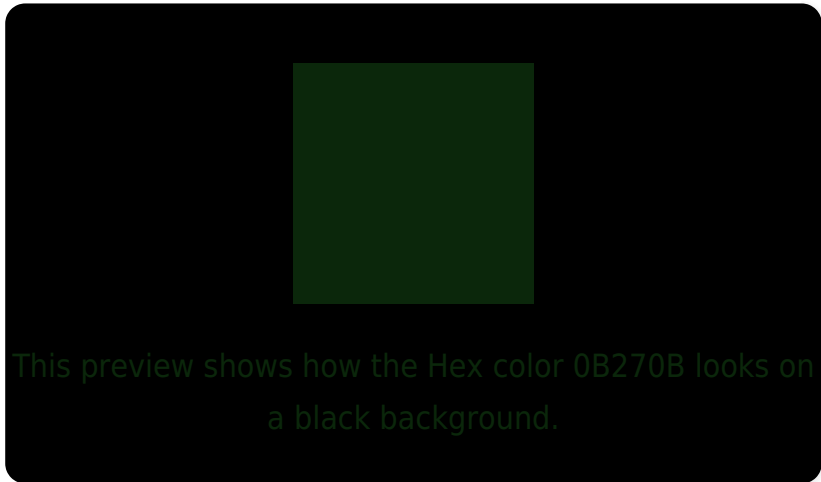
Large Text (above 18pt) WCAG AA ✓ Pass

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

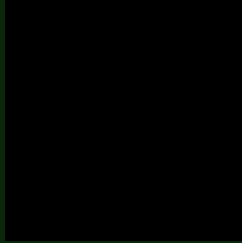
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0B270B Background



This preview shows how black text looks on a background with the Hex color 0B270B.



This preview shows how white text looks on a background with the Hex color 0B270B.

# 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**  
0B270B

**Protanopia**  
26220A

**Deuteranopia**  
2A200E



**Tritanopia**  
132427

# Trichromacy



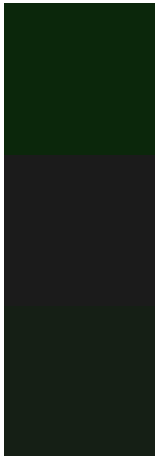
**Original Color**  
0B270B

**Protanomaly**  
1C240A

**Deuteranomaly**  
1F230D

**Tritanomaly**  
10251D

# Monochromacy



**Original Color**  
0B270B

**Achromatopsia**  
1B1B1B

**Achromatomaly**  
151F15

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B270B 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 #0B270B looks like.

```
.text, #text, p{  
    color:#0B270B  
}
```

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 #0B270B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B270B
}
```

## Border

The CSS property to change the border of an element to Hex 0B270B 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
#0B270B }
```

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

```
.border{ border-color:#0B270B }
```

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

Here you see how a box with a 4 pixel #0B270B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B270B; -webkit-box-shadow:4px 4px  
4px 4px #0B270B; box-shadow:4px 4px 4px  
4px #0B270B }
```

# Background

The CSS property to change the background color of an element to Hex 0B270B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B270B }
```

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

```
.background{ background-color:#0B270B }
```

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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