

Converting Colors

Hex(0B2700)

Have a look what the booklet for
Hex(0B2700) contains.

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Color

Hex(0B2700)

Conversions

Conversions Part 1

Format	Color
Hex	0B2700
RGB	11, 39, 0
RGB Percent	4%, 15%, 0%
CMY	0.9569, 0.8471, 1.0000
CMYK	0.72, 0.00, 1.00, 0.85
HSL	103°, 100%, 8%
HSV	103°, 100%, 15%
XYZ	0.8635, 1.5222, 0.2483
YIQ	26.1820, -4.1690, -18.0650

Conversions

Conversions Part 2

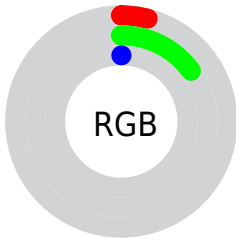
Format	Color
RYB	0, 39, 28
Decimal	730880
CIELab	12.75, -19.58, 18.43
CIELCh	13, 26.891, 136.741
Yxy	1.5222, 0.3278, 0.5779
Android (android.graphics.Color)	4278920960 (0xFF0B2700)
YUV	26.1820, -12.9077, -13.3146
Hunter-Lab	12.3377, -9.0975, 7.4432

Details

The Hex color **0B2700** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1C0027**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **36552F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0B2700**, and if you desaturate by 10%, it is **0E2704**.

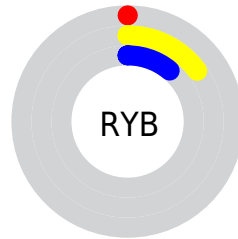
Distribution



Red (4%)

Green (15%)

Blue (0%)



Red (0%)

Yellow (15%)

Blue (11%)

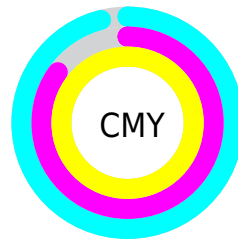


Cyan (72%)

Magenta (0%)

Yellow (100%)

Black (85%)



Cyan (96%)

Magenta (85%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B2700 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 0B2700 by changing the saturation by 10% instead.

 0B2700

 0B2700

 EEFFE2

 001100

 36552F

 000000

 4E6D46

 66865E

 80A176

 9ABC90

 B5D8AB

 D1F4C6

 0B2700

■ 0E2704

■ 112708

■ 13270C

■ 162710

■ 192714

■ 1C2717

■ 1F271B

■ 21271F

■ 242723

Harmonies

Analogous

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



212300



0B2700



002918

Triad

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



0B2700



002645



420E17

Complementary

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



0B2700



1C0027

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.



3E0F2A



0B2700



0C2045

Square

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



0B2700



00293C



2F173B



3D1500

Rectangle

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



0B2700



002A25



2F173B



420D1E

Sweetspot

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



0B2700



283324



271C00



131A10



999999



1A1A1A

Same Dimension

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



0B2700



0E3300



002708



131412



185400



3CD400

Inverse Universe

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



1C0027



250033



27001F



141214



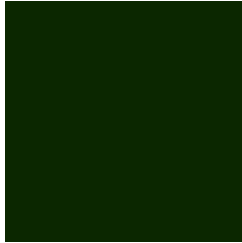
3C0054



9800D4

Previews

White Background



This preview shows how the Hex color 0B2700 looks on a white background.

Color Contrast Check

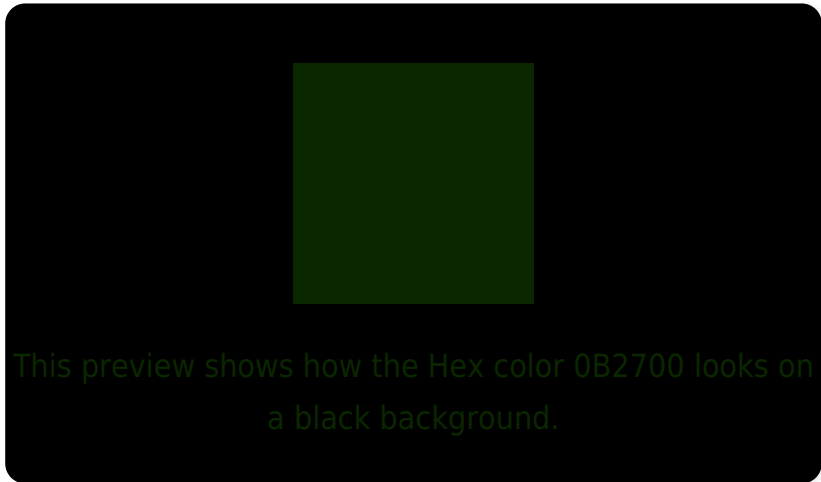
Large Text (above 18pt) WCAG AA ✓ Pass

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

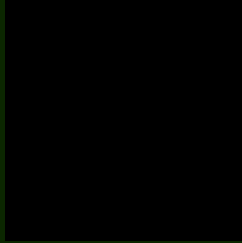
Any Text WCAG AA × Fail

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 0B2700 Background



This preview shows how black text looks on a background with the Hex color 0B2700.



This preview shows how white text looks on a background with the Hex color 0B2700.

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
0B2700

Protanopia
262200

Deuteranopia
2A2008



Tritanopia
132427

Trichromacy



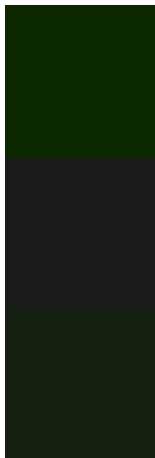
Original Color
0B2700

Protanomaly
1C2400

Deuteranomaly
1F2305

Tritanomaly
102519

Monochromacy



Original Color
0B2700

Achromatopsia
1A1A1A

Achromatomaly
151F11

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B2700 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 #0B2700 looks like.

```
.text, #text, p{  
    color:#0B2700  
}
```

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 #0B2700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B2700
}
```

Border

The CSS property to change the border of an element to Hex 0B2700 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".

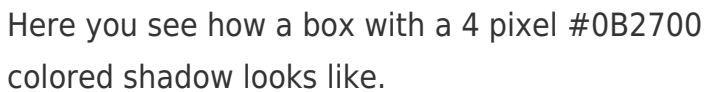
```
.border, #border, table{ border:4px solid
#0B2700 }
```

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

```
.border{ border-color:#0B2700 }
```

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

Here you see how a box with a 4 pixel #0B2700 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B2700; -webkit-box-shadow:4px 4px  
4px 4px #0B2700; box-shadow:4px 4px 4px  
4px #0B2700 }
```

Background

The CSS property to change the background color of an element to Hex 0B2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B2700 }
```

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

```
.background{ background-color:#0B2700 }
```

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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