

# Converting Colors

Hex(0B2600)

Have a look what the booklet for  
Hex(0B2600) contains.

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# Color

**Hex(0B2600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B2600
RGB	11, 38, 0
RGB Percent	4%, 15%, 0%
CMY	0.9569, 0.8510, 1.0000
CMYK	0.71, 0.00, 1.00, 0.85
HSL	103°, 100%, 7%
HSV	103°, 100%, 15%
XYZ	0.8311, 1.4574, 0.2375
YIQ	25.5950, -3.8940, -17.5420

# Conversions

## Conversions Part 2

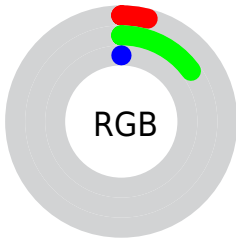
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 38, 27</a>
Decimal	<a href="#">730624</a>
CIELab	<a href="#">12.33, -19.12, 17.87</a>
CIELCh	<a href="#">12, 26.170, 136.936</a>
Yxy	<a href="#">1.4574, 0.3290, 0.5770</a>
Android (android.graphics.Color)	<a href="#">4278920704 (0xFF0B2600)</a>
YUV	<a href="#">25.5950, -12.6183, -12.7998</a>
Hunter-Lab	<a href="#">12.0722, -8.8372, 7.2841</a>

# Details

The Hex color **0B2600** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1B0026**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **36532F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0B2600**, and if you desaturate by 10%, it is **0E2604**.

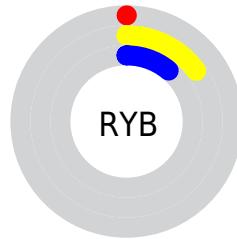
# Distribution



Red (4%)

Green (15%)

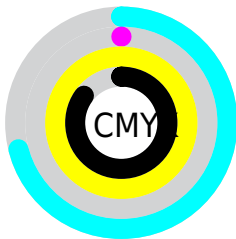
Blue (0%)



Red (0%)

Yellow (15%)

Blue (11%)

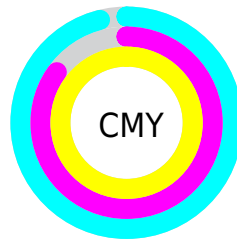


Cyan (71%)

Magenta (0%)

Yellow (100%)

Black (85%)



Cyan (96%)

Magenta (85%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B2600 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 0B2600 by changing the saturation by 10% instead.



 0B2600

 0B2600

 EDFFE2

 000F00

 36532F

 000000

 4D6C46

 66855E

 7F9F76

 9ABA90

 B5D6AB

 D0F3C6

 0B2600

■ 0E2604

■ 102608

■ 13260B

■ 16260F

■ 192613

■ 1B2617

■ 1E261B

■ 21261E

■ 232622

# Harmonies

## Analogous

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



202200



0B2600



002817

# Triad

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



0B2600



002543



400E17

# Complementary

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



0B2600



1B0026

# 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.



3C0E29



0B2600



0D1F43

# Square

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



0B2600



00283A



2E1639



3C1400

# Rectangle

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



0B2600



002924



2E1639



400D1D



# Sweetspot

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



0B2600



263022



261B00



131A10



999999



1A1A1A



# Same Dimension

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



0B2600



0E3000



002608



111210



185200



3DD100



# Inverse Universe

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



1B0026



220030



26001E



111012



3A0052

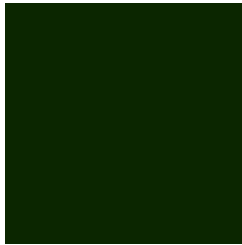


9500D1



# Previews

## White Background



This preview shows how the Hex color 0B2600 looks on a white background.

## Color Contrast Check

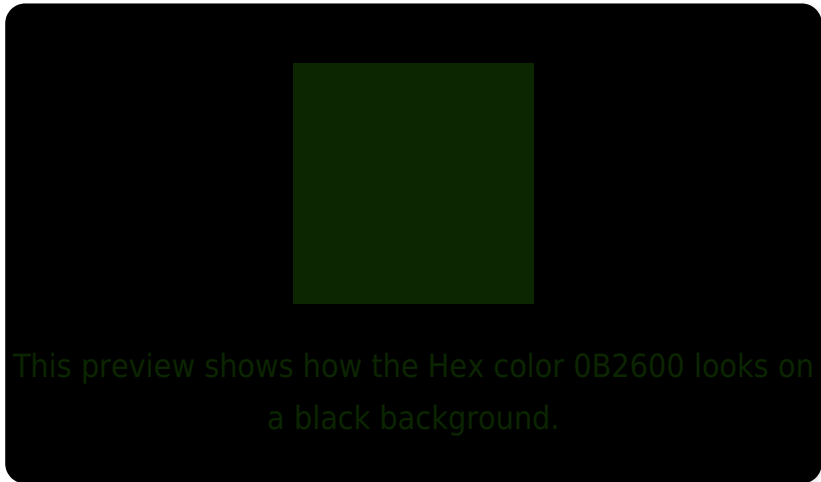
Large Text (above 18pt) WCAG AA ✓ Pass

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

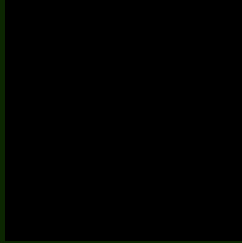
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0B2600 Background



This preview shows how black text looks on a background with the Hex color 0B2600.



This preview shows how white text looks on a background with the Hex color 0B2600.

# 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**  
0B2600

**Protanopia**  
252100

**Deuteranopia**  
291F08



**Tritanopia**  
132326

# Trichromacy



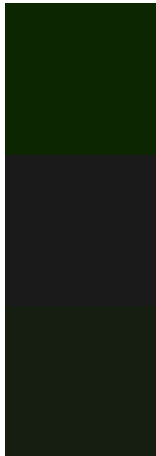
**Original Color**  
0B2600

**Protanomaly**  
1C2300

**Deuteranomaly**  
1E2205

**Tritanomaly**  
102418

# Monochromacy



**Original Color**  
0B2600

**Achromatopsia**  
1A1A1A

**Achromatomaly**  
151E11

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B2600 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 #0B2600 looks like.

```
.text, #text, p{  
    color:#0B2600  
}
```

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 #0B2600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B2600
}
```

## Border

The CSS property to change the border of an element to Hex 0B2600 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".

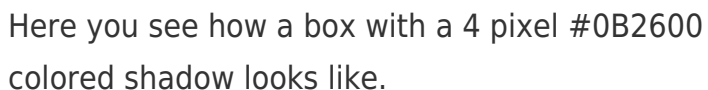
```
.border, #border, table{ border:4px solid
#0B2600 }
```

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

```
.border{ border-color:#0B2600 }
```

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

Here you see how a box with a 4 pixel #0B2600 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B2600; -webkit-box-shadow:4px 4px  
4px 4px #0B2600; box-shadow:4px 4px 4px  
4px #0B2600 }
```

# Background

The CSS property to change the background color of an element to Hex 0B2600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B2600 }
```

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

```
.background{ background-color:#0B2600 }
```

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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