

Converting Colors

Hex(0B2300)

Have a look what the booklet for
Hex(0B2300) contains.

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Color

Hex(0B2300)

Conversions

Conversions Part 1

Format	Color
Hex	0B2300
RGB	11, 35, 0
RGB Percent	4%, 14%, 0%
CMY	0.9569, 0.8627, 1.0000
CMYK	0.69, 0.00, 1.00, 0.86
HSL	101°, 100%, 7%
HSV	101°, 100%, 14%
XYZ	0.7390, 1.2732, 0.2068
YIQ	23.8340, -3.0690, -15.9730

Conversions

Conversions Part 2

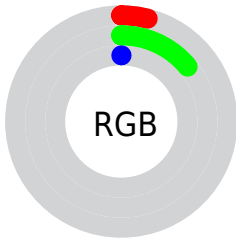
Format	Color
RYB	0, 35, 24
Decimal	729856
CIELab	11.09, -17.51, 16.16
CIELCh	11, 23.828, 137.307
Yxy	1.2732, 0.3330, 0.5738
Android (android.graphics.Color)	4278919936 (0xFF0B2300)
YUV	23.8340, -11.7502, -11.2554
Hunter-Lab	11.2837, -8.0553, 6.8119

Details

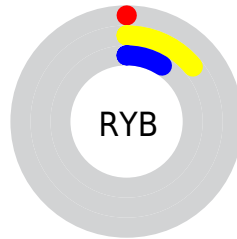
The Hex color **0B2300** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **180023**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **35502F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0B2300**, and if you desaturate by 10%, it is **0D2303**.

Distribution



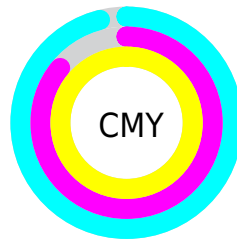
- Red (4%)
- Green (14%)
- Blue (0%)



- Red (0%)
- Yellow (14%)
- Blue (9%)



- Cyan (69%)
- Magenta (0%)
- Yellow (100%)
- Black (86%)




- Cyan (96%)
- Magenta (86%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B2300 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 0B2300 by changing the saturation by 10% instead.

 0B2300

 0B2300

 EBFFE2

 000700

 35502F

 000000

 4C6846

 65815E

 7E9B76

 98B690

 B3D2AB

 CFEEC6

 0B2300

■ 0D2303

■ 102307

■ 12230B

■ 15230E

■ 172312

■ 192315

■ 1C2319

■ 1E231C

■ 212320

Harmonies

Analogous

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



1E2000



0B2300



002516

Triad

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



0B2300



00213D



3B0E15

Complementary

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



0B2300



180023

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.



370E25



0B2300



0E1C3D

Square

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



0B2300



002435



2A1534



371300

Rectangle

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



0B2300



002521



2A1534



3A0D1A

Sweetspot

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



0B2300



242E20



231800



11170F



969696



171717

Same Dimension

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



0B2300



0E2E00



002306



111210



1A5200



42D100

Inverse Universe

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



180023



1F002E



23001D



111012



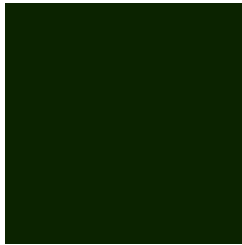
380052



8F00D1

Previews

White Background



This preview shows how the Hex color 0B2300 looks on a white background.

Color Contrast Check

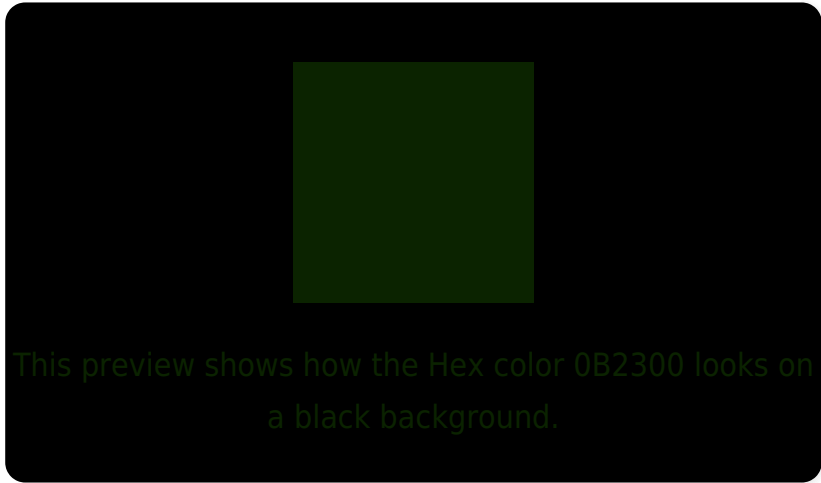
Large Text (above 18pt) WCAG AA ✓ Pass

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

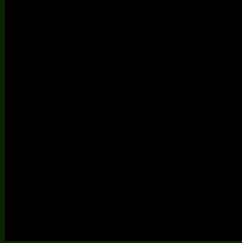
Any Text WCAG AA × Fail

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 0B2300 Background



This preview shows how black text looks on a background with the Hex color 0B2300.



This preview shows how white text looks on a background with the Hex color 0B2300.

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
0B2300

Protanopia
221E00

Deuteranopia
261D07



Tritanopia
122123

Trichromacy



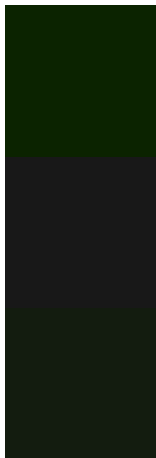
Original Color
0B2300

Protanomaly
1A2000

Deuteranomaly
1C1F04

Tritanomaly
0F2216

Monochromacy



Original Color
0B2300

Achromatopsia
181818

Achromatomaly
131C0F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B2300 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 #0B2300 looks like.

```
.text, #text, p{  
    color:#0B2300  
}
```

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 #0B2300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B2300
}
```

Border

The CSS property to change the border of an element to Hex 0B2300 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
#0B2300 }
```

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

```
.border{ border-color:#0B2300 }
```

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

Here you see how a box with a 4 pixel #0B2300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B2300; -webkit-box-shadow:4px 4px  
4px 4px #0B2300; box-shadow:4px 4px 4px  
4px #0B2300 }
```

Background

The CSS property to change the background color of an element to Hex 0B2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B2300 }
```

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

```
.background{ background-color:#0B2300 }
```

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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