

Converting Colors

Hex(0B2820)

Have a look what the booklet for
Hex(0B2820) contains.

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Color

Hex(0B2820)

Conversions

Conversions Part 1

Format	Color
Hex	0B2820
RGB	11, 40, 32
RGB Percent	4%, 16%, 13%
CMY	0.9569, 0.8431, 0.8745
CMYK	0.73, 0.00, 0.20, 0.84
HSL	163°, 57%, 10%
HSV	163°, 72%, 16%
XYZ	1.1575, 1.6930, 1.6323
YIQ	30.4170, -14.7160, -8.6360

Conversions

Conversions Part 2

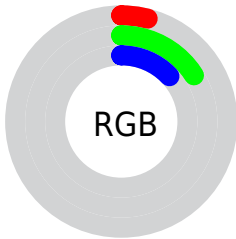
Format	Color
RYB	11, 28, 40
Decimal	731168
CIELab	13.79, -13.35, 2.04
CIELCh	14, 13.507, 171.311
Yxy	1.6930, 0.2582, 0.3777
Android (android.graphics.Color)	4278921248 (0xFF0B2820)
YUV	30.4170, 0.7804, -17.0287
Hunter-Lab	13.0116, -6.8909, 1.6703

Details

The Hex color **0B2820** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **280B13**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **38554C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **07281F**, and if you desaturate by 10%, it is **0F2821**.

Distribution



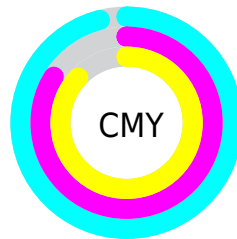
- Red (4%)
- Green (16%)
- Blue (13%)



- Red (4%)
- Yellow (11%)
- Blue (16%)



- Cyan (73%)
- Magenta (0%)
- Yellow (20%)
- Black (84%)



- Cyan (96%)
- Magenta (84%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B2820 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 0B2820 by changing the saturation by 10% instead.

 0B2820

 0B2820

 EFFFFFF

 001508

 38554C

 000000

 4F6E64

 68877D

 81A196

 9CBCB1

 B7D8CD

 D2F5E9

 0B2820

 0B2820

■ 07281F

■ 0F2821

■ 03281E

■ 132822

■ 00281D

■ 172823

■ 1B2824

■ 1F2826

■ 232827

■ 272828

■ 2B2829

■ 2F282A

Harmonies

Analogous

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



182717



0B2820



01282A

Triad

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



0B2820



202235



321E15

Complementary

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



0B2820



280B13

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.



351C1D



0B2820



2C1E2F

Square

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



0B2820



102536



341C26



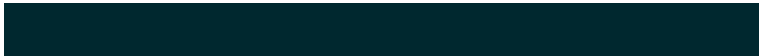
2C2210

Rectangle

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



0B2820



00282F



341C26



341D17

Sweetspot

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



0B2820



283330



13280B



131A18



999999



1A1A1A

Same Dimension

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



0B2820



073327



0B2228



121414



00543D



00D499

Inverse Universe

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



280B13



330713



28110B



141213



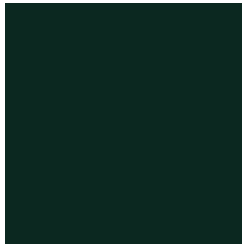
540017



D4003A

Previews

White Background



This preview shows how the Hex color 0B2820 looks on a white background.

Color Contrast Check

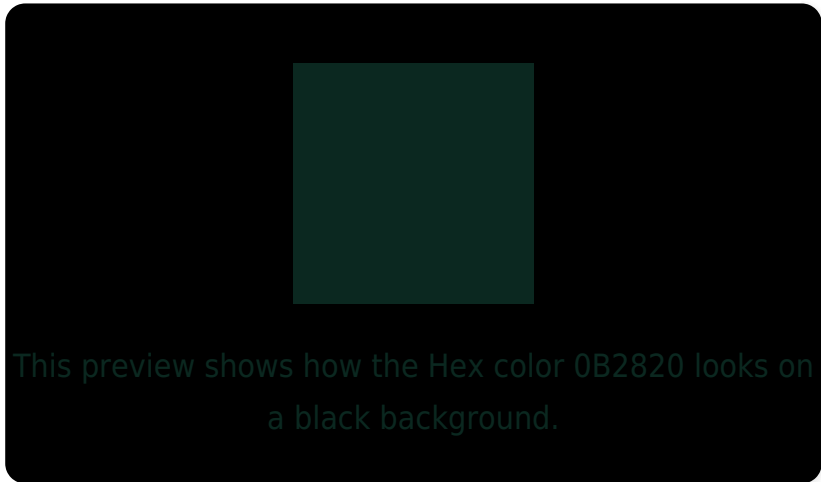
Large Text (above 18pt) WCAG AA ✓ Pass

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

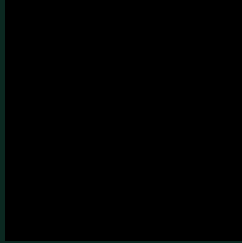
Any Text WCAG AA × Fail

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 0B2820 Background



This preview shows how black text looks on a background with the Hex color 0B2820.



This preview shows how white text looks on a background with the Hex color 0B2820.

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
0B2820

Protanopia
25231E

Deuteranopia
282221



Tritanopia
10272A

Trichromacy



Original Color
0B2820

Protanomaly
1C251F

Deuteranomaly
1D2421

Tritanomaly
0E2726

Monochromacy



Original Color
0B2820

Achromatopsia
1E1E1E

Achromatomaly
17221F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B2820 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 #0B2820 looks like.

```
.text, #text, p{  
    color:#0B2820  
}
```

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 #0B2820 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B2820
}
```

Border

The CSS property to change the border of an element to Hex 0B2820 is called "border". The border property can be set on classes, ids or directly on the HTML element.

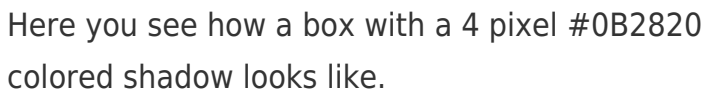
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0B2820 }
```

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

```
.border{ border-color:#0B2820 }
```

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



Here you see how a box with a 4 pixel #0B2820 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B2820; -webkit-box-shadow:4px 4px  
4px 4px #0B2820; box-shadow:4px 4px 4px  
4px #0B2820 }
```

Background

The CSS property to change the background color of an element to Hex 0B2820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B2820 }
```

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

```
.background{ background-color:#0B2820 }
```

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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