

Converting Colors

Hex(0B2827)

Have a look what the booklet for
Hex(0B2827) contains.

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Color

Hex(0B2827)

Conversions

Conversions Part 1

Format	Color
Hex	0B2827
RGB	11, 40, 39
RGB Percent	4%, 16%, 15%
CMY	0.9569, 0.8431, 0.8471
CMYK	0.73, 0.00, 0.02, 0.84
HSL	178°, 57%, 10%
HSV	178°, 72%, 16%
XYZ	1.2630, 1.7352, 2.1878
YIQ	31.2150, -16.9630, -6.4590

Conversions

Conversions Part 2

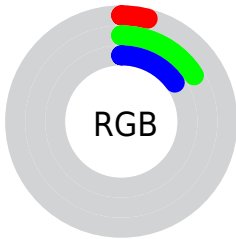
Format	Color
RYB	11, 26, 40
Decimal	731175
CIELab	14.03, -11.02, -2.59
CIELCh	14, 11.318, 193.252
Yxy	1.7352, 0.2435, 0.3346
Android (android.graphics.Color)	4278921255 (0xFF0B2827)
YUV	31.2150, 3.8380, -17.7286
Hunter-Lab	13.1728, -5.9376, -0.6263

Details

The Hex color **0B2827** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **280B0C**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **385554**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **072827**, and if you desaturate by 10%, it is **0F2827**.

Distribution



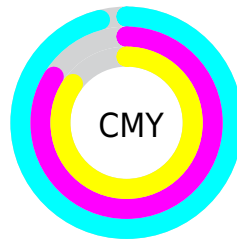
- Red (4%)
- Green (16%)
- Blue (15%)



- Red (4%)
- Yellow (10%)
- Blue (16%)



- Cyan (73%)
- Magenta (0%)
- Yellow (2%)
- Black (84%)



- Cyan (96%)
- Magenta (84%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B2827 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 0B2827 by changing the saturation by 10% instead.

■ 0B2827

■ 0B2827

■ F0FFFF

■ 001412

■ 385554

■ 000000

■ 506E6C

■ 698785

■ 82A19F

■ 9DBCBA

■ B8D8D6

■ D4F4F2

■ 0B2827

■ 0B2827

■ 072827

■ 0F2827

■ 032827

■ 132827

■ 002827

■ 172827

■ 1B2828

■ 1F2828

■ 232828

■ 272828

■ 2B2828

■ 2F2828

Harmonies

Analogous

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



13281F



0B2827



09272E

Triad

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



0B2827



29202F



2D2215

Complementary

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



0B2827



280B0C

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.



321F19



0B2827



301E28

Square

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



0B2827



1E2333



331E20



262414

Rectangle

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



0B2827



0F2632



331E20



2F2116

Sweetspot

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



0B2827



283333



0C280B



131A19



999999



1A1A1A

Same Dimension

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



0B2827



073331



0B1B28



121414



005451



00D4CC

Inverse Universe

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



280B0C



330708



28180B



141212



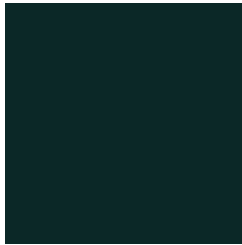
540003



D40007

Previews

White Background



This preview shows how the Hex color 0B2827 looks on a white background.

Color Contrast Check

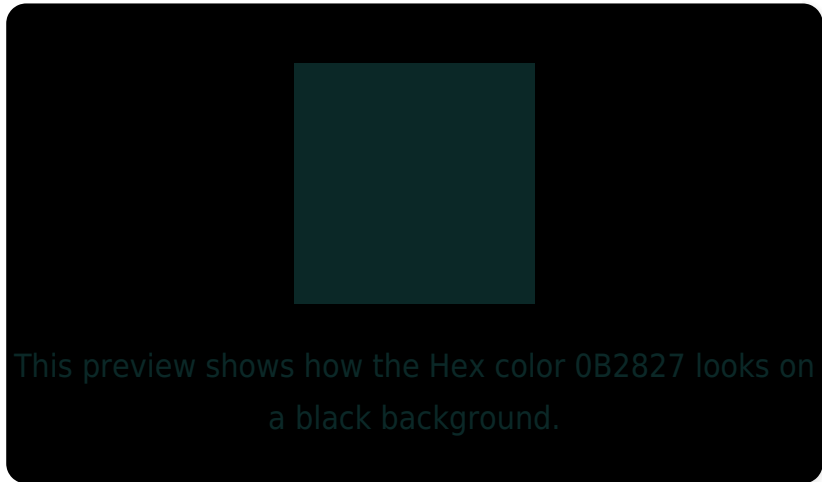
Large Text (above 18pt) WCAG AA ✓ Pass

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

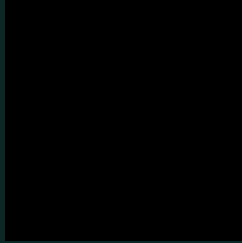
Any Text WCAG AA × Fail

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 0B2827 Background



This preview shows how black text looks on a background with the Hex color 0B2827.

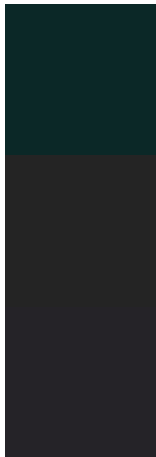


This preview shows how white text looks on a background with the Hex color 0B2827.

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
0B2827

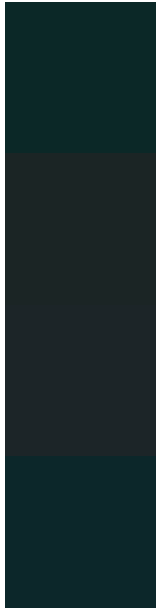
Protanopia
242424

Deuteranopia
252328



Tritanopia
0D272B

Trichromacy



Original Color
0B2827

Protanomaly
1B2525

Deuteranomaly
1C2528

Tritanomaly
0C272A

Monochromacy



Original Color
0B2827

Achromatopsia
1F1F1F

Achromatomaly
182222

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B2827 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 #0B2827 looks like.

```
.text, #text, p{  
    color:#0B2827  
}
```

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 #0B2827 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B2827
}
```

Border

The CSS property to change the border of an element to Hex 0B2827 is called "border". The border property can be set on classes, ids or directly on the HTML element.

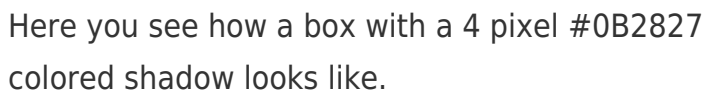
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0B2827 }
```

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

```
.border{ border-color:#0B2827 }
```

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



Here you see how a box with a 4 pixel #0B2827 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B2827; -webkit-box-shadow:4px 4px  
4px 4px #0B2827; box-shadow:4px 4px 4px  
4px #0B2827 }
```

Background

The CSS property to change the background color of an element to Hex 0B2827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B2827 }
```

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

```
.background{ background-color:#0B2827 }
```

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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