

Converting Colors

Hex(0D2931)

Have a look what the booklet for
Hex(0D2931) contains.

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Color

Hex(0D2931)

Conversions

Conversions Part 1

Format	Color
Hex	0D2931
RGB	13, 41, 49
RGB Percent	5%, 16%, 19%
CMY	0.9490, 0.8392, 0.8078
CMYK	0.73, 0.16, 0.00, 0.81
HSL	193°, 58%, 12%
HSV	193°, 73%, 19%
XYZ	1.5133, 1.8932, 3.1914
YIQ	33.5400, -19.2560, -3.4480

Conversions

Conversions Part 2

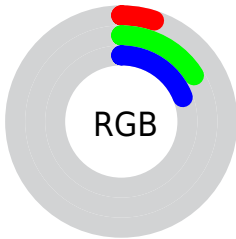
Format	Color
RYB	13, 29, 49
Decimal	862513
CIELab	14.92, -7.47, -8.36
CIELCh	15, 11.215, 228.202
Yxy	1.8932, 0.2294, 0.2869
Android (android.graphics.Color)	4279052593 (0xFF0D2931)
YUV	33.5400, 7.6218, -18.0136
Hunter-Lab	13.7593, -4.4468, -4.1204

Details

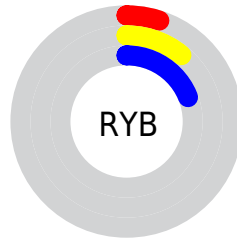
The Hex color **0D2931** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **31150D**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **3B565F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **082831**, and if you desaturate by 10%, it is **122A31**.

Distribution



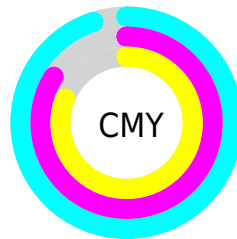
- Red (5%)
- Green (16%)
- Blue (19%)



- Red (5%)
- Yellow (11%)
- Blue (19%)



- Cyan (73%)
- Magenta (16%)
- Yellow (0%)
- Black (81%)



- Cyan (95%)
- Magenta (84%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D2931 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 0D2931 by changing the saturation by 10% instead.

■ 0D2931

■ 0D2931

■ F4FFFF

■ 00151C

■ 3B565F

■ 000000

■ 536F78

■ 6C8892

■ 86A2AC

■ A1BDC7

■ BCD9E3

■ D8F5FF

■ 0D2931

■ 0D2931

■ 082831

■ 122A31

■ 032731

■ 172B31

■ 002631

■ 1C2C31

■ 212D31

■ 262E31

■ 2A3031

■ 2F3131

■ 343231

■ 393331

Harmonies

Analogous

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



0D2A2A



0D2931



162735

Triad

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



0D2931



332029



262716

Complementary

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



0D2931



31150D

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.



2E2416



0D2931



352021

Square

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



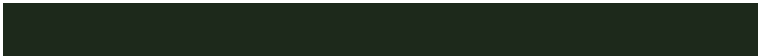
0D2931



2C2230



33211A



1D291B

Rectangle

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



0D2931



1E2635



33211A



292616

Sweetspot

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



0D2931



323D40



0D3115



191F21



A1A1A1



212121

Same Dimension

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



0D2931



083340



0D1731



17191A



004559



00A9D9

Inverse Universe

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



310D29



400833



31270D



1A1719



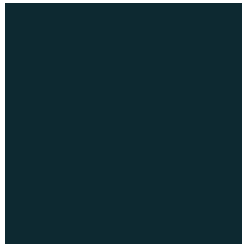
590045



D900A9

Previews

White Background



This preview shows how the Hex color 0D2931 looks on a white background.

Color Contrast Check

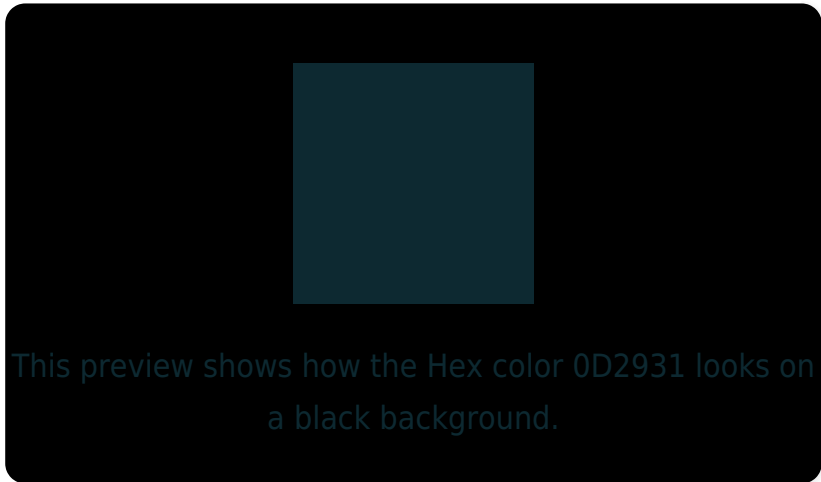
Large Text (above 18pt) WCAG AA ✓ Pass

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

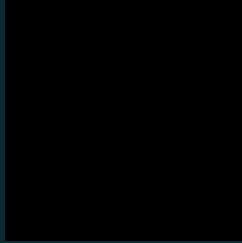
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

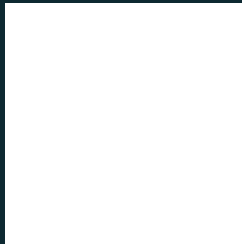
Any Text WCAG AAA × Fail

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

Hex 0D2931 Background



This preview shows how black text looks on a background with the Hex color 0D2931.



This preview shows how white text looks on a background with the Hex color 0D2931.

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
0D2931

Protanopia
24252E

Deuteranopia
232532

Trichromacy



Original Color
0D2931

Protanomaly
1C262F

Deuteranomaly
1B2632

Tritanomaly
0B2A2E

Monochromacy



Original Color
0D2931

Achromatopsia
222222

Achromatomaly
1A2527

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D2931 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 #0D2931 looks like.

```
.text, #text, p{  
    color:#0D2931  
}
```

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 #0D2931 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2931
}
```

Border

The CSS property to change the border of an element to Hex 0D2931 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
#0D2931 }
```

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

```
.border{ border-color:#0D2931 }
```

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

Here you see how a box with a 4 pixel #0D2931 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2931; -webkit-box-shadow:4px 4px  
4px 4px #0D2931; box-shadow:4px 4px 4px  
4px #0D2931 }
```

Background

The CSS property to change the background color of an element to Hex 0D2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2931 }
```

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

```
.background{ background-color:#0D2931 }
```

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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