

Converting Colors

Hex(0D2936)

Have a look what the booklet for
Hex(0D2936) contains.

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Color

Hex(0D2936)

Conversions

Conversions Part 1

Format	Color
Hex	0D2936
RGB	13, 41, 54
RGB Percent	5%, 16%, 21%
CMY	0.9490, 0.8392, 0.7882
CMYK	0.76, 0.24, 0.00, 0.79
HSL	199°, 61%, 13%
HSV	199°, 76%, 21%
XYZ	1.6248, 1.9378, 3.7784
YIQ	34.1100, -20.8610, -1.8930

Conversions

Conversions Part 2

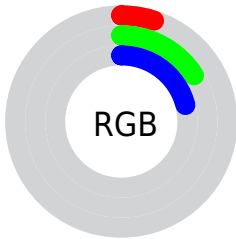
Format	Color
R_{YB}	13, 30, 54
Decimal	862518
CIE Lab	15.16, -5.50, -11.52
CIE LCh	15, 12.760, 244.482
Yxy	1.9378, 0.2213, 0.2640
Android (android.graphics.Color)	4279052598 (0xFF0D2936)
YUV	34.1100, 9.8058, -18.5135
Hunter-Lab	13.9204, -3.5265, -6.3488

Details

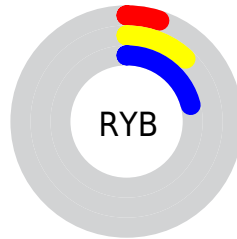
The Hex color **0D2936** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **361A0D**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **3C5665**, and **000008** is the 20% darker color. If you saturate the color by 10%, you get **082736**, and if you desaturate by 10%, it is **122B36**.

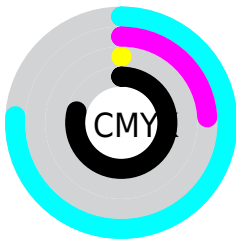
Distribution



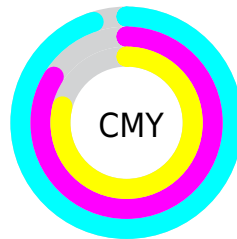
- Red (5%)
- Green (16%)
- Blue (21%)



- Red (5%)
- Yellow (12%)
- Blue (21%)



- Cyan (76%)
- Magenta (24%)
- Yellow (0%)
- Black (79%)



- Cyan (95%)
- Magenta (84%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D2936 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 0D2936 by changing the saturation by 10% instead.

0D2936

0D2936

F6FFFF

001521

3C5665

000008

556E7E

000000

6E8898

87A2B2

A2BDCE

BDD9EA

D9F5FF

0D2936

0D2936

■ 082736

■ 122B36

■ 022636

■ 182C36

■ 002536

■ 1D2E36

■ 233036

■ 283236

■ 2D3336

■ 333536

■ 383736

■ 3E3836

Harmonies

Analogous

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



052B30



0D2936



1C2638

Triad

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



0D2936



371F25



212817

Complementary

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



0D2936



361A0D

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.



2B2614



0D2936



37201C

Square

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



0D2936



33202E



322316



162A1E

Rectangle

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



0D2936



252436



322316



242815

Sweetspot

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



0D2936



374247



0D361A



1A2124



A3A3A3



242424

Same Dimension

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



0D2936



063347



0D1536



191B1C



003F5C



0096DB

Inverse Universe

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



360D29



470633



362E0D



1C191B



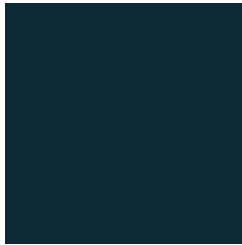
5C003F



DB0096

Previews

White Background



This preview shows how the Hex color 0D2936 looks on a white background.

Color Contrast Check

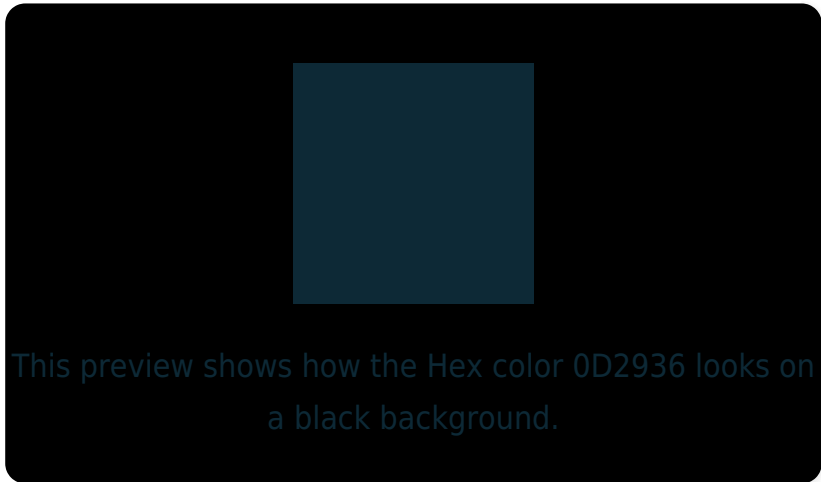
Large Text (above 18pt) WCAG AA ✓ Pass

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

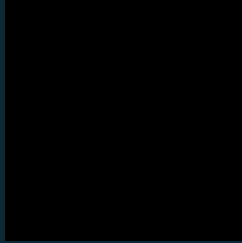
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

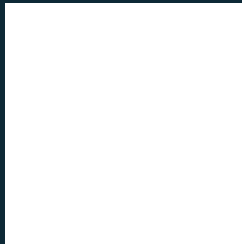
Any Text WCAG AAA × Fail

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

Hex 0D2936 Background



This preview shows how black text looks on a background with the Hex color 0D2936.



This preview shows how white text looks on a background with the Hex color 0D2936.

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
0D2936

Protanopia
222633

Deuteranopia
202637

Trichromacy



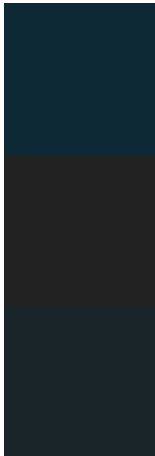
Original Color
0D2936

Protanomaly
1A2734

Deuteranomaly
192737

Tritanomaly
052A31

Monochromacy



Original Color
0D2936

Achromatopsia
222222

Achromatomaly
1A2529

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D2936 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 #0D2936 looks like.

```
.text, #text, p{  
    color:#0D2936  
}
```

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 #0D2936 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2936
}
```

Border

The CSS property to change the border of an element to Hex 0D2936 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
#0D2936 }
```

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

```
.border{ border-color:#0D2936 }
```

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

Here you see how a box with a 4 pixel #0D2936 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2936; -webkit-box-shadow:4px 4px  
4px 4px #0D2936; box-shadow:4px 4px 4px  
4px #0D2936 }
```

Background

The CSS property to change the background color of an element to Hex 0D2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2936 }
```

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

```
.background{ background-color:#0D2936 }
```

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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