

Converting Colors

Hex(0D2A3C)

Have a look what the booklet for
Hex(0D2A3C) contains.

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Color

Hex(0D2A3C)

Conversions

Conversions Part 1

Format	Color
Hex	0D2A3C
RGB	13, 42, 60
RGB Percent	5%, 16%, 24%
CMY	0.9490, 0.8353, 0.7647
CMYK	0.78, 0.30, 0.00, 0.76
HSL	203°, 64%, 14%
HSV	203°, 78%, 24%
XYZ	1.8096, 2.0677, 4.5787
YIQ	35.3810, -23.0620, -0.5500

Conversions

Conversions Part 2

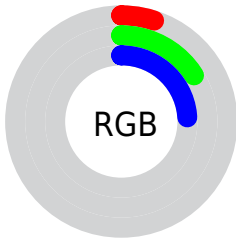
Format	Color
R _Y B	13, 31, 60
Decimal	862780
CIE Lab	15.84, -3.73, -14.65
CIE LCh	16, 15.121, 255.735
Yxy	2.0677, 0.2140, 0.2445
Android (android.graphics.Color)	4279052860 (0xFF0D2A3C)
YUV	35.3810, 12.1372, -19.6281
Hunter-Lab	14.3796, -2.7017, -8.8131

Details

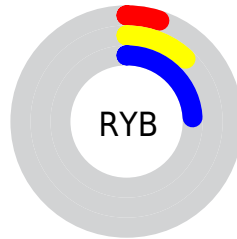
The Hex color **0D2A3C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3C1F0D**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **3E576B**, and **000111** is the 20% darker color. If you saturate the color by 10%, you get **07283C**, and if you desaturate by 10%, it is **132C3C**.

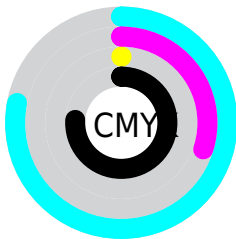
Distribution



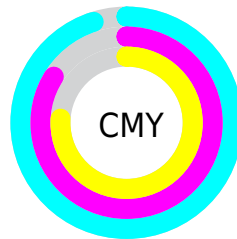
- Red (5%)
- Green (16%)
- Blue (24%)



- Red (5%)
- Yellow (12%)
- Blue (24%)



- Cyan (78%)
- Magenta (30%)
- Yellow (0%)
- Black (76%)



- Cyan (95%)
- Magenta (84%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D2A3C 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 0D2A3C by changing the saturation by 10% instead.

0D2A3C

0D2A3C

F8FFFF

001626

3E576B

000111

567085

000000

6F899F

89A3BA

A4BED6

C0DAF2

DCF6FF

0D2A3C

0D2A3C

■ 07283C

■ 132C3C

■ 01253C

■ 192F3C

■ 00253C

■ 1F313C

■ 25333C

■ 2B353C

■ 31383C

■ 373A3C

■ 3D3C3C

■ 433F3C

Harmonies

Analogous

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



002C36



0D2A3C



21273C

Triad

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



0D2A3C



3C1F22



1D2B18

Complementary

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



0D2A3C



3C1F0D

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.



292912



0D2A3C



3A2119

Square

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



0D2A3C



39202D



332513



0E2D22

Rectangle

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



0D2A3C



2B2439



332513



212A16

Sweetspot

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



0D2A3C



3C484F



0D3C1E



1D2429



A8A8A8



292929

Same Dimension

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



0D2A3C



05334F



0D133C



1C1D1F



003A5E



0089DE

Inverse Universe

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



3C0D2A



4F0533



3C360D



1F1C1D



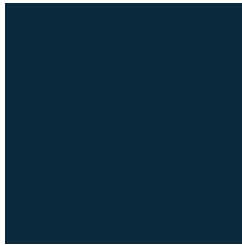
5E003A



DE0089

Previews

White Background



This preview shows how the Hex color 0D2A3C looks on a white background.

Color Contrast Check

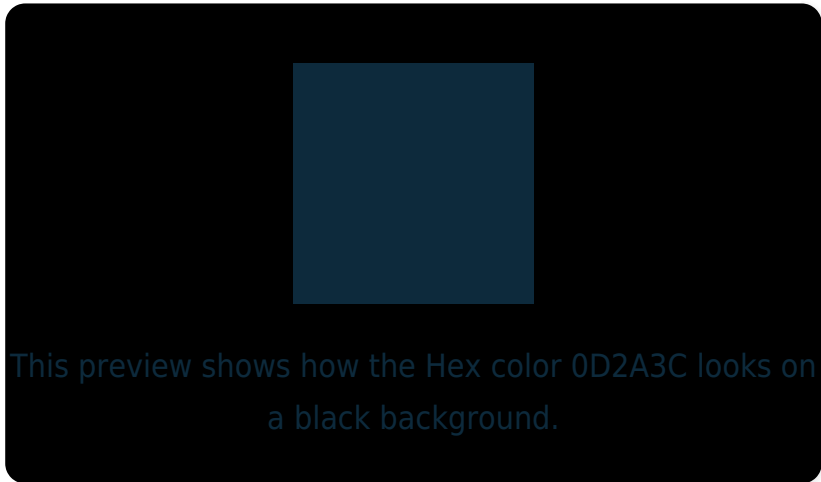
Large Text (above 18pt) WCAG AA ✓ Pass

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

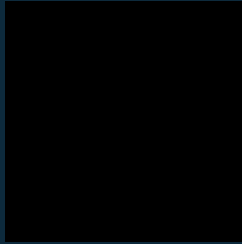
Any Text WCAG AA × Fail

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 0D2A3C Background



This preview shows how black text looks on a background with the Hex color 0D2A3C.



This preview shows how white text looks on a background with the Hex color 0D2A3C.

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
0D2A3C

Protanopia
22273A

Deuteranopia
1D283D

Trichromacy



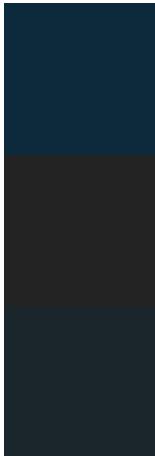
Original Color
0D2A3C

Protanomaly
1A283B

Deuteranomaly
17293D

Tritanomaly
052B34

Monochromacy



Original Color
0D2A3C

Achromatopsia
232323

Achromatomaly
1B262C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D2A3C 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 #0D2A3C looks like.

```
.text, #text, p{  
    color:#0D2A3C  
}
```

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 #0D2A3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2A3C  
}
```

Border

The CSS property to change the border of an element to Hex 0D2A3C 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  
#0D2A3C }
```

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

```
.border{ border-color:#0D2A3C }
```

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

Here you see how a box with a 4 pixel #0D2A3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2A3C; -webkit-box-shadow:4px 4px  
4px 4px #0D2A3C; box-shadow:4px 4px 4px  
4px #0D2A3C }
```

Background

The CSS property to change the background color of an element to Hex 0D2A3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2A3C }
```

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

```
.background{ background-color:#0D2A3C }
```

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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