

Converting Colors

Hex(0D2A39)

Have a look what the booklet for
Hex(0D2A39) contains.

Hex(0D2A39)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0D2A39)

Conversions

Conversions Part 1

Format	Color
Hex	0D2A39
RGB	13, 42, 57
RGB Percent	5%, 16%, 22%
CMY	0.9490, 0.8353, 0.7765
CMYK	0.77, 0.26, 0.00, 0.78
HSL	200°, 63%, 14%
HSV	200°, 77%, 22%
XYZ	1.7325, 2.0369, 4.1727
YIQ	35.0390, -22.0990, -1.4830

Conversions

Conversions Part 2

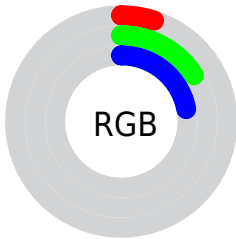
Format	Color
RYB	13, 30, 57
Decimal	862777
CIELab	15.68, -4.96, -12.81
CIELCh	16, 13.738, 248.818
Yxy	2.0369, 0.2181, 0.2565
Android (android.graphics.Color)	4279052857 (0xFF0D2A39)
YUV	35.0390, 10.8268, -19.3282
Hunter-Lab	14.2720, -3.3081, -7.3444

Details

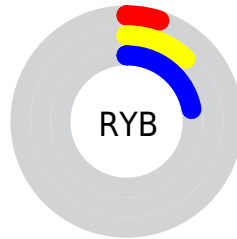
The Hex color **0D2A39** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **391C0D**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **3D5768**, and **00010D** is the 20% darker color. If you saturate the color by 10%, you get **072839**, and if you desaturate by 10%, it is **132C39**.

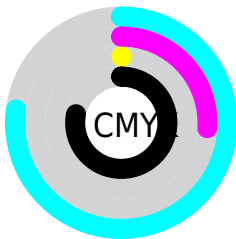
Distribution



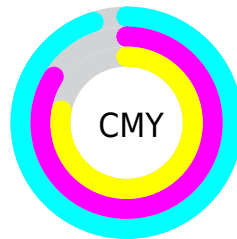
- Red (5%)
- Green (16%)
- Blue (22%)



- Red (5%)
- Yellow (12%)
- Blue (22%)



- Cyan (77%)
- Magenta (26%)
- Yellow (0%)
- Black (78%)



- Cyan (95%)
- Magenta (84%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D2A39 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 0D2A39 by changing the saturation by 10% instead.

0D2A39

0D2A39

F7FFFF

001623

3D5768

00010D

557081

000000

6E899B

88A3B6

A3BED2

BEDAEE

DBF7FF

0D2A39

0D2A39

■ 072839

■ 132C39

■ 022639

■ 182E39

■ 002639

■ 1E3039

■ 243239

■ 2A3439

■ 2F3639

■ 353839

■ 3B3A39

■ 403B39

Harmonies

Analogous

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



022C33



0D2A39



1E273A

Triad

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



0D2A39



3A2025



202A18

Complementary

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



0D2A39



391C0D

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.



2B2714



0D2A39



39211B

Square

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



0D2A39



36212E



332415



142C20

Rectangle

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



0D2A39



282538



332415



242916

Sweetspot

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



0D2A39



39444A



0D391C



1C2326



A6A6A6



262626

Same Dimension

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



0D2A39



05334A



0D1439



191B1C



003D5C



0091DB

Inverse Universe

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



390D2A



4A0533



39320D



1C191B



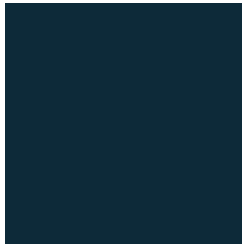
5C003D



DB0091

Previews

White Background



This preview shows how the Hex color 0D2A39 looks on a white background.

Color Contrast Check

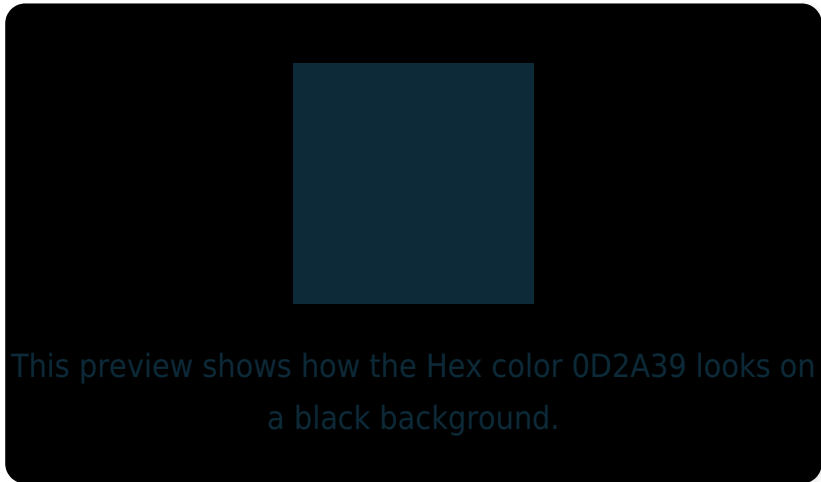
Large Text (above 18pt) WCAG AA ✓ Pass

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

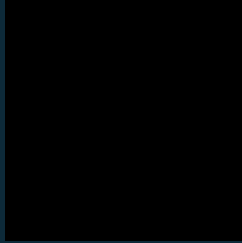
Any Text WCAG AA × Fail

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 0D2A39 Background



This preview shows how black text looks on a background with the Hex color 0D2A39.



This preview shows how white text looks on a background with the Hex color 0D2A39.

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
0D2A39

Protanopia
232736

Deuteranopia
20273A

Trichromacy



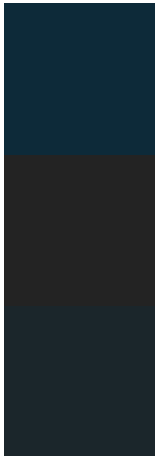
Original Color
0D2A39

Protanomaly
1B2837

Deuteranomaly
19283A

Tritanomaly
052B33

Monochromacy



Original Color
0D2A39

Achromatopsia
232323

Achromatomaly
1B262B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D2A39 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 #0D2A39 looks like.

```
.text, #text, p{  
    color:#0D2A39  
}
```

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 #0D2A39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2A39
}
```

Border

The CSS property to change the border of an element to Hex 0D2A39 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
#0D2A39 }
```

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

```
.border{ border-color:#0D2A39 }
```

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

Here you see how a box with a 4 pixel #0D2A39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2A39; -webkit-box-shadow:4px 4px  
4px 4px #0D2A39; box-shadow:4px 4px 4px  
4px #0D2A39 }
```

Background

The CSS property to change the background color of an element to Hex 0D2A39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2A39 }
```

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

```
.background{ background-color:#0D2A39 }
```

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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