

Converting Colors

Hex(0C2A3A)

Have a look what the booklet for
Hex(0C2A3A) contains.

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Color

Hex(0C2A3A)

Conversions

Conversions Part 1

Format	Color
Hex	0C2A3A
RGB	12, 42, 58
RGB Percent	5%, 16%, 23%
CMY	0.9529, 0.8353, 0.7725
CMYK	0.79, 0.28, 0.00, 0.77
HSL	201°, 66%, 14%
HSV	201°, 79%, 23%
XYZ	1.7433, 2.0396, 4.3048
YIQ	34.8540, -23.0160, -1.3840

Conversions

Conversions Part 2

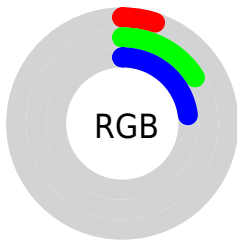
Format	Color
RYB	12, 30, 58
Decimal	797242
CIELab	15.69, -4.75, -13.49
CIELCh	16, 14.301, 250.602
Yxy	2.0396, 0.2156, 0.2522
Android (android.graphics.Color)	4278987322 (0xFF0C2A3A)
YUV	34.8540, 11.4110, -20.0430
Hunter-Lab	14.2814, -3.2032, -7.8746

Details

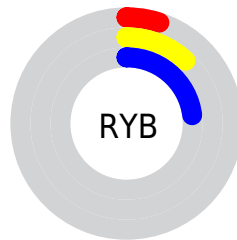
The Hex color **0C2A3A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A1C0C**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **3D5769**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **06283A**, and if you desaturate by 10%, it is **122C3A**.

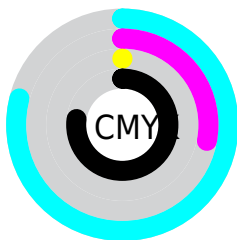
Distribution



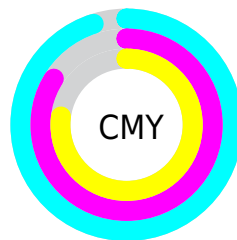
- Red (5%)
- Green (16%)
- Blue (23%)



- Red (5%)
- Yellow (12%)
- Blue (23%)



- Cyan (79%)
- Magenta (28%)
- Yellow (0%)
- Black (77%)



- Cyan (95%)
- Magenta (84%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C2A3A 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 0C2A3A by changing the saturation by 10% instead.

■ 0C2A3A

■ 0C2A3A

■ F7FFFF

■ 001624

■ 3D5769

■ 00010E

■ 557082

■ 000000

■ 6E899C

■ 88A3B7

■ A3BED3

■ BEDAEF

■ DAF7FF

■ 0C2A3A

■ 0C2A3A

■ 06283A

■ 122C3A

■ 00263A

■ 182E3A

■ 1D303A

■ 23323A

■ 29343A

■ 2F363A

■ 35383A

■ 3A3A3A

■ 403C3A

Harmonies

Analogous

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



002C34



0C2A3A



1E273B

Triad

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



0C2A3A



3B1F24



1F2A17

Complementary

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



0C2A3A



3A1C0C

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.



2A2813



0C2A3A



39211A

Square

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



0C2A3A



37202E



332414



122C20

Rectangle

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



0C2A3A



282439



332414



232A15

Sweetspot

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



0C2A3A



3A464D



0C3A1B



1B2226



A6A6A6



262626

Same Dimension

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



0C2A3A



04334D



0C143A



191B1C



003C5C



008FDB

Inverse Universe

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



3A0C2A



4D0433



3A320C



1C191B



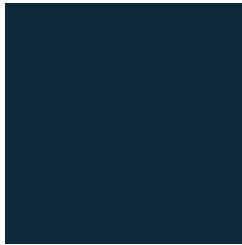
5C003C



DB008F

Previews

White Background



This preview shows how the Hex color 0C2A3A looks on a white background.

Color Contrast Check

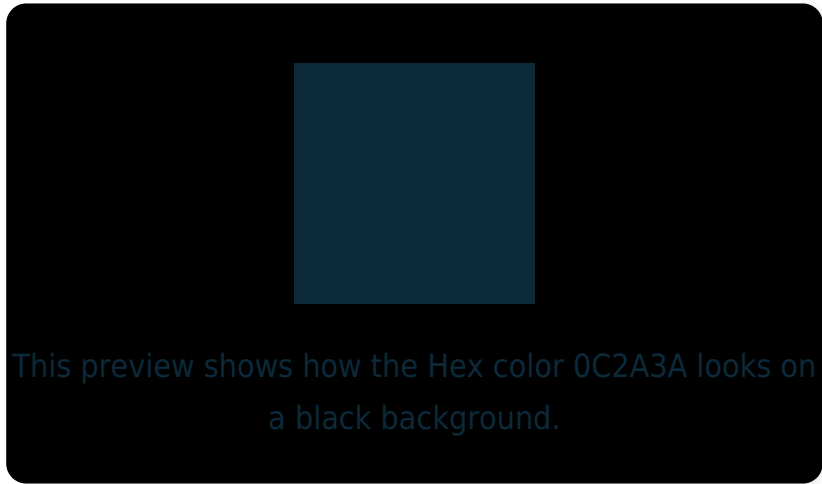
Large Text (above 18pt) WCAG AA ✓ Pass

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

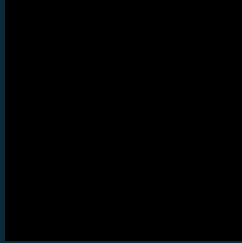
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

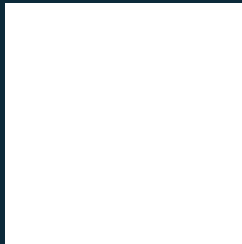
Any Text WCAG AAA × Fail

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

Hex 0C2A3A Background



This preview shows how black text looks on a background with the Hex color 0C2A3A.



This preview shows how white text looks on a background with the Hex color 0C2A3A.

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

0C2A3A

Protanopia

222737

Deuteranopia

1F273B

Trichromacy



Original Color

0C2A3A

Protanomaly

1A2838

Deuteranomaly

18283B

Tritanomaly

042B33

Monochromacy



Original Color

0C2A3A

Achromatopsia

232323

Achromatomaly

1B262B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C2A3A 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 #0C2A3A looks like.

```
.text, #text, p{  
    color:#0C2A3A  
}
```

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 #0C2A3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2A3A
}
```

Border

The CSS property to change the border of an element to Hex 0C2A3A 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
#0C2A3A }
```

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

```
.border{ border-color:#0C2A3A }
```

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

Here you see how a box with a 4 pixel #0C2A3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2A3A; -webkit-box-shadow:4px 4px  
4px 4px #0C2A3A; box-shadow:4px 4px 4px  
4px #0C2A3A }
```

Background

The CSS property to change the background color of an element to Hex 0C2A3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2A3A }
```

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

```
.background{ background-color:#0C2A3A }
```

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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