

Converting Colors

Hex(0C2C3A)

Have a look what the booklet for
Hex(0C2C3A) contains.

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Color

Hex(0C2C3A)

Conversions

Conversions Part 1

Format	Color
Hex	0C2C3A
RGB	12, 44, 58
RGB Percent	5%, 17%, 23%
CMY	0.9529, 0.8275, 0.7725
CMYK	0.79, 0.24, 0.00, 0.77
HSL	198°, 66%, 14%
HSV	198°, 79%, 23%
XYZ	1.8160, 2.1850, 4.3290
YIQ	36.0280, -23.5660, -2.4300

Conversions

Conversions Part 2

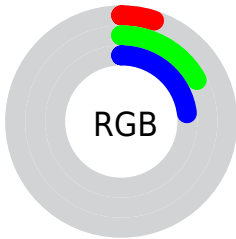
Format	Color
RYB	12, 31, 58
Decimal	797754
CIELab	16.43, -6.11, -12.35
CIELCh	16, 13.779, 243.657
Yxy	2.1850, 0.2180, 0.2623
Android (android.graphics.Color)	4278987834 (0xFF0C2C3A)
YUV	36.0280, 10.8322, -21.0726
Hunter-Lab	14.7818, -3.9385, -7.0165

Details

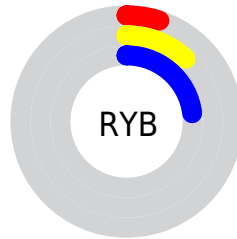
The Hex color **0C2C3A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A1A0C**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **3D5969**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **062A3A**, and if you desaturate by 10%, it is **122E3A**.

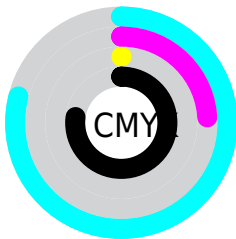
Distribution



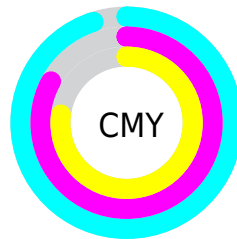
- Red (5%)
- Green (17%)
- Blue (23%)



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



- Cyan (79%)
- Magenta (24%)
- Yellow (0%)
- Black (77%)



- Cyan (95%)
- Magenta (83%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C2C3A 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 0C2C3A by changing the saturation by 10% instead.

■ 0C2C3A

■ 0C2C3A

■ F7FFFF

■ 001824

■ 3D5969

■ 00010E

■ 557282

■ 000000

■ 6E8B9C

■ 88A6B7

■ A3C1D3

■ BEDDEF

■ DBF9FF

■ 0C2C3A

■ 0C2C3A

■ 062A3A

■ 122E3A

■ 00283A

■ 18303A

■ 1D313A

■ 23333A

■ 29353A

■ 2F373A

■ 35383A

■ 3A3A3A

■ 403C3A

Harmonies

Analogous

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



032E33



0C2C3A



1D293C

Triad

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



0C2C3A



3B2128



242B18

Complementary

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



0C2C3A



3A1A0C

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.



2E2815



0C2C3A



3B221E

Square

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



0C2C3A



362232



362517



182D20

Rectangle

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



0C2C3A



27273B



362517



272A16

Sweetspot

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



0C2C3A



3A474D



0C3A1A



1B2326



A6A6A6



262626

Same Dimension

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



0C2C3A



04364D



0C153A



191B1C



00405C



0099DB

Inverse Universe

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



3A0C2C



4D0436



3A310C



1C191B



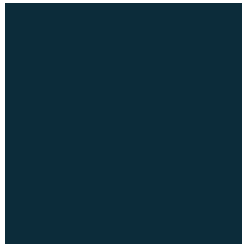
5C0040



DB0099

Previews

White Background



This preview shows how the Hex color 0C2C3A looks on a white background.

Color Contrast Check

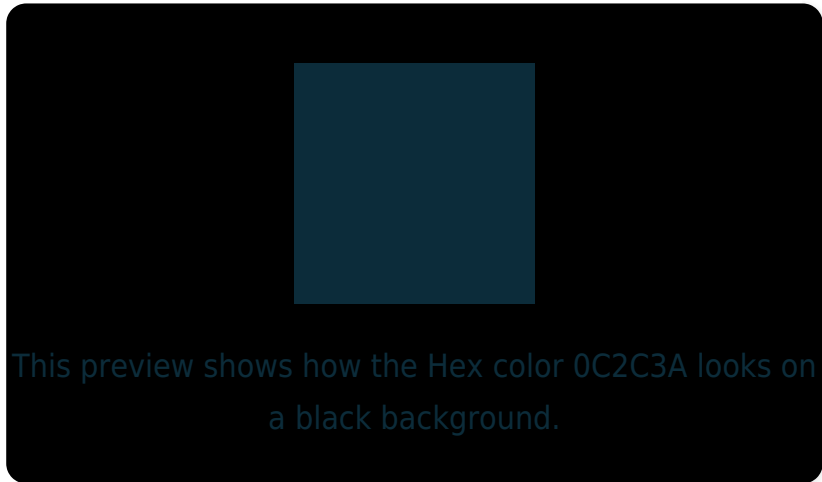
Large Text (above 18pt) WCAG AA ✓ Pass

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

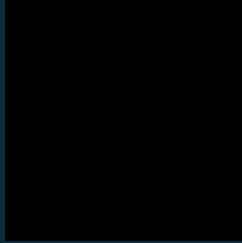
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

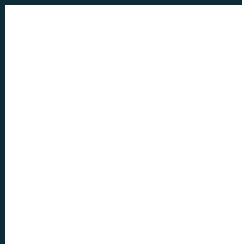
Any Text WCAG AAA × Fail

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

Hex 0C2C3A Background



This preview shows how black text looks on a background with the Hex color 0C2C3A.



This preview shows how white text looks on a background with the Hex color 0C2C3A.

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

0C2C3A

Protanopia

252837

Deuteranopia

22293B

Trichromacy



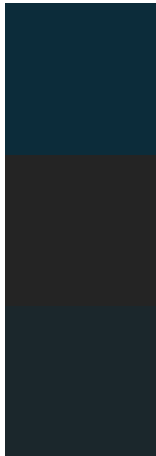
Original Color
0C2C3A

Protanomaly
1C2938

Deuteranomaly
1A2A3B

Tritanomaly
042D34

Monochromacy



Original Color
0C2C3A

Achromatopsia
242424

Achromatomaly
1B272C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C2C3A 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 #0C2C3A looks like.

```
.text, #text, p{  
    color:#0C2C3A  
}
```

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 #0C2C3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2C3A
}
```

Border

The CSS property to change the border of an element to Hex 0C2C3A 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
#0C2C3A }
```

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

```
.border{ border-color:#0C2C3A }
```

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

Here you see how a box with a 4 pixel #0C2C3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2C3A; -webkit-box-shadow:4px 4px  
4px 4px #0C2C3A; box-shadow:4px 4px 4px  
4px #0C2C3A }
```

Background

The CSS property to change the background color of an element to Hex 0C2C3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2C3A }
```

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

```
.background{ background-color:#0C2C3A }
```

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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