

Converting Colors

Hex(0C1B2F)

Have a look what the booklet for
Hex(0C1B2F) contains.

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Color

Hex(0C1B2F)

Conversions

Conversions Part 1

Format	Color
Hex	0C1B2F
RGB	12, 27, 47
RGB Percent	5%, 11%, 18%
CMY	0.9529, 0.8941, 0.8157
CMYK	0.74, 0.43, 0.00, 0.82
HSL	214°, 59%, 12%
HSV	214°, 74%, 18%
XYZ	1.0566, 1.0673, 2.8396
YIQ	24.7950, -15.3600, 3.0400

Conversions

Conversions Part 2

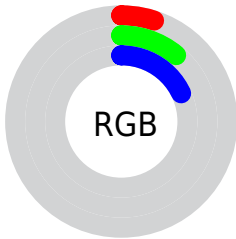
Format	Color
RYB	12, 23, 47
Decimal	793391
CIELab	9.54, 1.51, -15.28
CIELCh	10, 15.351, 275.635
Yxy	1.0673, 0.2129, 0.2150
Android (android.graphics.Color)	4278983471 (0xFF0C1B2F)
YUV	24.7950, 10.9471, -11.2212
Hunter-Lab	10.3308, 0.1780, -9.0654

Details

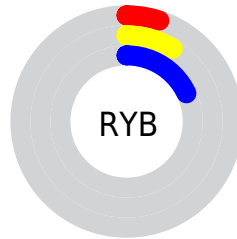
The Hex color **0C1B2F** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **2F200C**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **3A465D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **07182F**, and if you desaturate by 10%, it is **111E2F**.

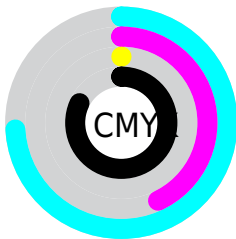
Distribution



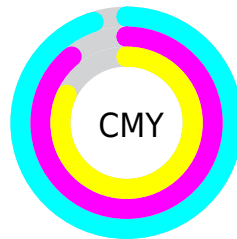
- Red (5%)
- Green (11%)
- Blue (18%)



- Red (5%)
- Yellow (9%)
- Blue (18%)



- Cyan (74%)
- Magenta (43%)
- Yellow (0%)
- Black (82%)



- Cyan (95%)
- Magenta (89%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C1B2F 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 0C1B2F by changing the saturation by 10% instead.

■ 0C1B2F

■ 0C1B2F

■ F1FEFF

■ 00011B

■ 3A465D

■ 000000

■ 515D76

■ 6A768F

■ 8390AA

■ 9EAAC5

■ B9C5E1

■ D5E1FE

■ 0C1B2F

■ 0C1B2F

■ 07182F

■ 111E2F

■ 03162F

■ 15202F

■ 00142F

■ 1A232F

■ 1F262F

■ 24282F

■ 282B2F

■ 2D2E2F

■ 32302F

■ 36332F

Harmonies

Analogous

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



001E2D



0C1B2F



1E172B

Triad

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



0C1B2F



2D130D



051F11

Complementary

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



0C1B2F



2F200C

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.



151D04



0C1B2F



281701

Square

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



0C1B2F



2E1219



201A00



00201C

Rectangle

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



0C1B2F



261426



201A00



0B1F0D

Sweetspot

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



0C1B2F



30363D



0C2F20



171A1F



9E9E9E



1F1F1F

Same Dimension

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



0C1B2F



071E3D



0E0C2F



151617



002557



005CD6

Inverse Universe

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



2F0C1B



3D071E



2D2F0C



171516



570025



D6005C

Previews

White Background



This preview shows how the Hex color 0C1B2F looks on a white background.

Color Contrast Check

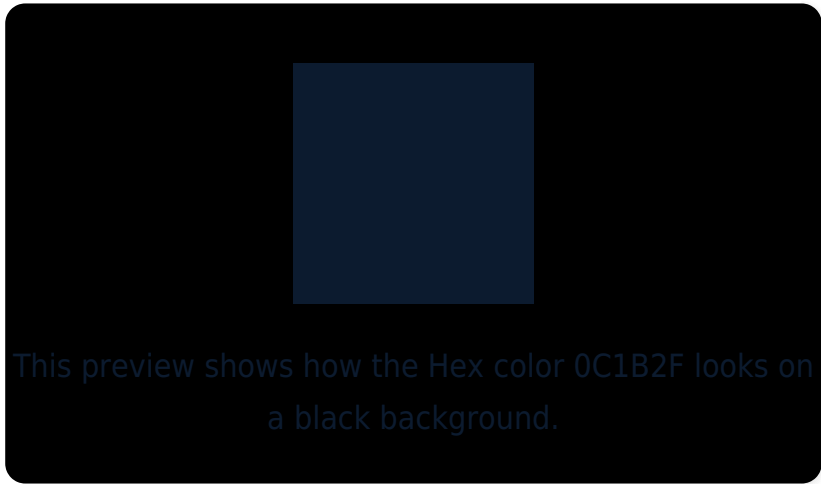
Large Text (above 18pt) WCAG AA ✓ Pass

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

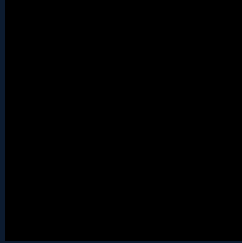
Any Text WCAG AA × Fail

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 0C1B2F Background



This preview shows how black text looks on a background with the Hex color 0C1B2F.



This preview shows how white text looks on a background with the Hex color 0C1B2F.

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
0C1B2F

Protanopia
121A2E

Deuteranopia
0A1B2F



Tritanopia
001E20

Trichromacy



Original Color
0C1B2F

Protanomaly
101A2E

Deuteranomaly
0B1B2F

Tritanomaly
041D25

Monochromacy



Original Color
0C1B2F

Achromatopsia
191919

Achromatomaly
141A21

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C1B2F 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 #0C1B2F looks like.

```
.text, #text, p{  
    color:#0C1B2F  
}
```

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 #0C1B2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C1B2F
}
```

Border

The CSS property to change the border of an element to Hex 0C1B2F 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
#0C1B2F }
```

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

```
.border{ border-color:#0C1B2F }
```

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

Here you see how a box with a 4 pixel #0C1B2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C1B2F; -webkit-box-shadow:4px 4px  
4px 4px #0C1B2F; box-shadow:4px 4px 4px  
4px #0C1B2F }
```

Background

The CSS property to change the background color of an element to Hex 0C1B2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C1B2F }
```

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

```
.background{ background-color:#0C1B2F }
```

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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