

# Converting Colors

Hex(0C3141)

Have a look what the booklet for  
Hex(0C3141) contains.

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# Color

**Hex(0C3141)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C3141
RGB	12, 49, 65
RGB Percent	5%, 19%, 25%
CMY	0.9529, 0.8078, 0.7451
CMYK	0.82, 0.25, 0.00, 0.75
HSL	198°, 69%, 15%
HSV	198°, 82%, 25%
XYZ	2.2041, 2.6564, 5.3976
YIQ	39.7610, -27.1880, -2.8680

# Conversions

## Conversions Part 2

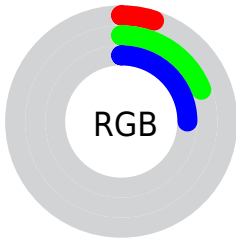
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	12, 34, 65
Decimal	799041
CIE Lab	18.61, -6.61, -13.79
CIE LCh	19, 15.295, 244.408
Yxy	2.6564, 0.2149, 0.2590
Android (android.graphics.Color)	4278989121 (0xFF0C3141)
YUV	39.7610, 12.4428, -24.3464
Hunter-Lab	16.2986, -4.3839, -8.2260

# Details

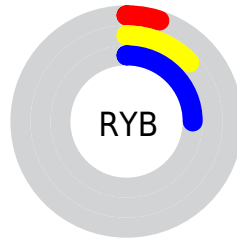
The Hex color **0C3141** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **411C0C**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **3F5F71**, and **000117** is the 20% darker color. If you saturate the color by 10%, you get **062F41**, and if you desaturate by 10%, it is **133341**.

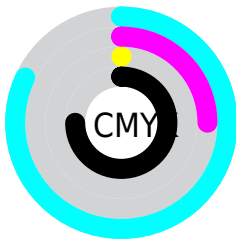
# Distribution



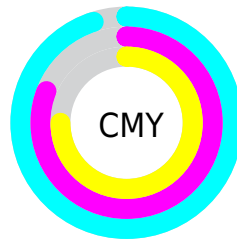
- Red (5%)
- Green (19%)
- Blue (25%)



- Red (5%)
- Yellow (13%)
- Blue (25%)



- Cyan (82%)
- Magenta (25%)
- Yellow (0%)
- Black (75%)



- Cyan (95%)
- Magenta (81%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C3141 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 0C3141 by changing the saturation by 10% instead.



 0C3141

 0C3141

 FBFFFF

 001C2B

 3F5F71

 000117

 58788A

 000000

 7191A5

 8BACC0

 A6C7DC

 C2E3F8

 DEFFFF

 0C3141

 0C3141

■ 062F41

■ 133341

■ 002D41

■ 193541

■ 203741

■ 263941

■ 2D3B41

■ 333D41

■ 3A3F41

■ 404141

■ 474341

# Harmonies

## Analogous

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



013339



0C3141



202E43

# Triad

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



0C3141



42252C



27301B

# Complementary

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



0C3141



411C0C

# 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.



332D17



0C3141



422621

# Square

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



0C3141



3D2637



3C291A



1A3223

# Rectangle

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



0C3141



2C2B41



3C291A



2B2F19



# Sweetspot

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



0C3141



404E54



0C411C



1F282B



ABABAB



2B2B2B



# Same Dimension

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



0C3141



023B54



0C1741



1E2021



004461



009DE0



# Inverse Universe

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



410C31



54023B



41360C



211E20



610044

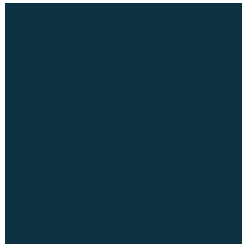


E0009D



# Previews

## White Background



This preview shows how the Hex color 0C3141 looks on a white background.

## Color Contrast Check

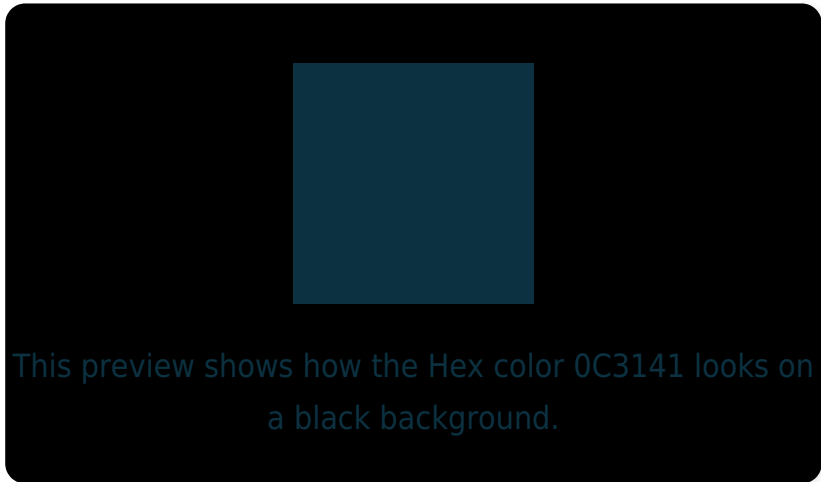
Large Text (above 18pt) WCAG AA ✓ Pass

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

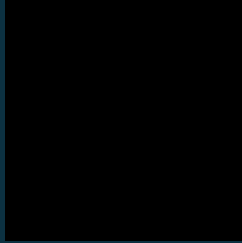
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

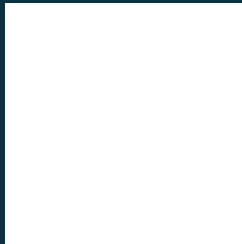
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0C3141 Background



This preview shows how black text looks on a background with the Hex color 0C3141.



This preview shows how white text looks on a background with the Hex color 0C3141.

# 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**  
0C3141

**Protanopia**  
292D3E

**Deuteranopia**  
252D42



**Tritanopia**  
003337

# Trichromacy



**Original Color**  
0C3141

**Protanomaly**  
1E2E3F

**Deuteranomaly**  
1C2E42

**Tritanomaly**  
04323B

# Monochromacy



**Original Color**  
0C3141

**Achromatopsia**  
282828

**Achromatomaly**  
1E2B31

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C3141 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 #0C3141 looks like.

```
.text, #text, p{  
    color:#0C3141  
}
```

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 #0C3141 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3141
}
```

## Border

The CSS property to change the border of an element to Hex 0C3141 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
#0C3141 }
```

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

```
.border{ border-color:#0C3141 }
```

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

Here you see how a box with a 4 pixel #0C3141 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3141; -webkit-box-shadow:4px 4px  
4px 4px #0C3141; box-shadow:4px 4px 4px  
4px #0C3141 }
```

# Background

The CSS property to change the background color of an element to Hex 0C3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3141 }
```

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

```
.background{ background-color:#0C3141 }
```

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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