

Converting Colors

Hex(0C3A5C)

Have a look what the booklet for
Hex(0C3A5C) contains.

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Color

Hex(0C3A5C)

Conversions

Conversions Part 1

Format	Color
Hex	0C3A5C
RGB	12, 58, 92
RGB Percent	5%, 23%, 36%
CMY	0.9529, 0.7725, 0.6392
CMYK	0.87, 0.37, 0.00, 0.64
HSL	206°, 77%, 20%
HSV	206°, 87%, 36%
XYZ	3.5964, 3.8770, 10.6840
YIQ	48.1220, -38.3300, 0.8220

Conversions

Conversions Part 2

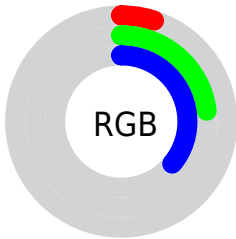
Format	Color
R_{YB}	12, 41, 92
Decimal	801372
CIE _{Lab}	23.26, -1.37, -24.56
CIE _{LCh}	23, 24.595, 266.816
Yxy	3.8770, 0.1981, 0.2135
Android (android.graphics.Color)	4278991452 (0xFF0C3A5C)
YUV	48.1220, 21.6319, -31.6790
Hunter-Lab	19.6901, -1.8541, -18.3882

Details

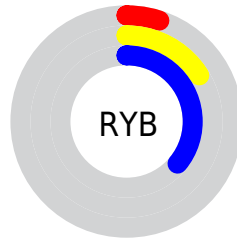
The Hex color **0C3A5C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5C2E0C**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **46698E**, and **000F2E** is the 20% darker color. If you saturate the color by 10%, you get **03365C**, and if you desaturate by 10%, it is **153E5C**.

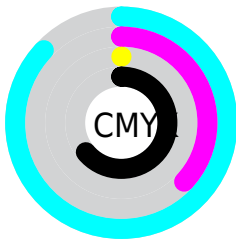
Distribution



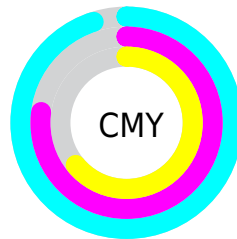
- Red (5%)
- Green (23%)
- Blue (36%)



- Red (5%)
- Yellow (16%)
- Blue (36%)



- Cyan (87%)
- Magenta (37%)
- Yellow (0%)
- Black (64%)



- Cyan (95%)
- Magenta (77%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C3A5C 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 0C3A5C by changing the saturation by 10% instead.

0C3A5C

0C3A5C

FFFFFF

002544

46698E

000F2E

6082A9

000119

7A9CC4

000000

95B7E0

B1D2FD

CDEFFF

EAF0FF

0C3A5C

0C3A5C

■ 03365C

■ 153E5C

■ 00355C

■ 1E425C

■ 28465C

■ 314A5C

■ 3A4E5C

■ 43515C

■ 4C555C

■ 56595C

■ 5F5D5C

Harmonies

Analogous

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



003E56



0C3A5C



353358

Triad

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



0C3A5C



592928



1A3F23

Complementary

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



0C3A5C



5C2E0C

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.



323B15



0C3A5C



522F19

Square

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



0C3A5C



58283A



443611



004135

Rectangle

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



0C3A5C



462E51



443611



233E1D

Sweetspot

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



0C3A5C



596B78



0C5C2D



2A353D



BDBDBD



3D3D3D

Same Dimension

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



0C3A5C



004578



0C135C



292C2E



003F6E



0088ED

Inverse Universe

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



5C0C3A



780045



5C550C



2E292C



6E003F



ED0088

Previews

White Background



This preview shows how the Hex color 0C3A5C looks on a white background.

Color Contrast Check

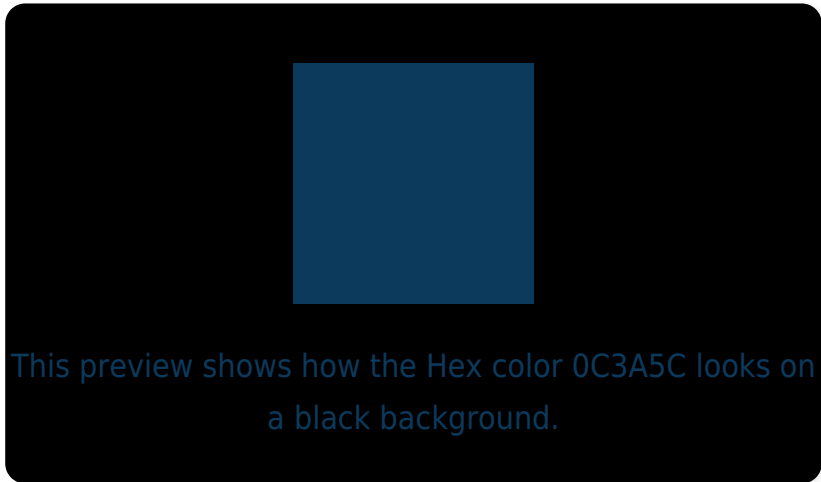
Large Text (above 18pt) WCAG AA ✓ Pass

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

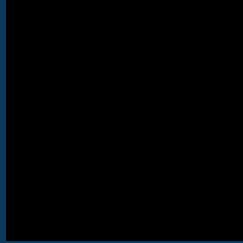
Any Text WCAG AA × Fail

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 0C3A5C Background



This preview shows how black text looks on a background with the Hex color 0C3A5C.



This preview shows how white text looks on a background with the Hex color 0C3A5C.

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
0C3A5C

Protanopia
2A3759

Deuteranopia
1F385C



Tritanopia
003E42

Trichromacy



Original Color
0C3A5C

Protanomaly
1F385A

Deuteranomaly
18395C

Tritanomaly
043D4B

Monochromacy



Original Color
0C3A5C

Achromatopsia
303030

Achromatomaly
233440

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C3A5C 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 #0C3A5C looks like.

```
.text, #text, p{  
    color:#0C3A5C  
}
```

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 #0C3A5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3A5C
}
```

Border

The CSS property to change the border of an element to Hex 0C3A5C is called "border". The border property can be set on classes, ids or directly on the HTML element.

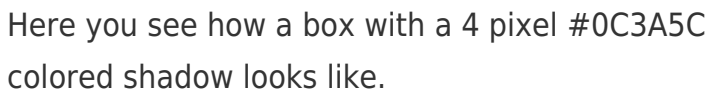
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C3A5C }
```

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

```
.border{ border-color:#0C3A5C }
```

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



Here you see how a box with a 4 pixel #0C3A5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3A5C; -webkit-box-shadow:4px 4px  
4px 4px #0C3A5C; box-shadow:4px 4px 4px  
4px #0C3A5C }
```

Background

The CSS property to change the background color of an element to Hex 0C3A5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3A5C }
```

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

```
.background{ background-color:#0C3A5C }
```

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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