

# Converting Colors

Hex(0C3D5A)

Have a look what the booklet for  
Hex(0C3D5A) contains.

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# Color

**Hex(0C3D5A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C3D5A
RGB	12, 61, 90
RGB Percent	5%, 24%, 35%
CMY	0.9529, 0.7608, 0.6471
CMYK	0.87, 0.32, 0.00, 0.65
HSL	202°, 76%, 20%
HSV	202°, 87%, 35%
XYZ	3.6658, 4.1538, 10.2814
YIQ	49.6550, -38.5130, -1.3690

# Conversions

## Conversions Part 2

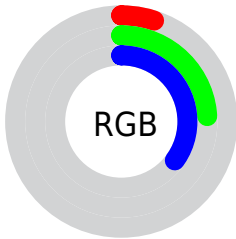
Format	Color
<b>R<sub>YB</sub></b>	12, 42, 90
Decimal	802138
CIE Lab	24.17, -4.23, -21.81
CIE LCh	24, 22.215, 259.025
Yxy	4.1538, 0.2025, 0.2295
Android (android.graphics.Color)	4278992218 (0xFF0C3D5A)
YUV	49.6550, 19.8901, -33.0234
Hunter-Lab	20.3810, -3.5607, -15.6429

# Details

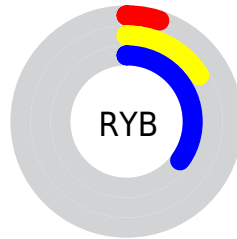
The Hex color **0C3D5A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5A290C**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **456C8C**, and **00132C** is the 20% darker color. If you saturate the color by 10%, you get **033A5A**, and if you desaturate by 10%, it is **15405A**.

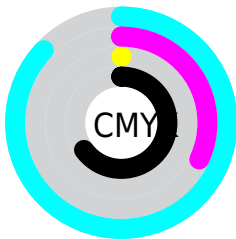
# Distribution



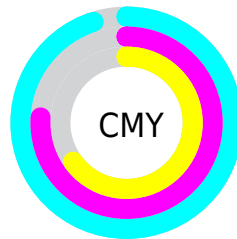
- Red (5%)
- Green (24%)
- Blue (35%)



- Red (5%)
- Yellow (16%)
- Blue (35%)



- Cyan (87%)
- Magenta (32%)
- Yellow (0%)
- Black (65%)



- Cyan (95%)
- Magenta (76%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C3D5A 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 0C3D5A by changing the saturation by 10% instead.



0C3D5A

0C3D5A

FFFFFF

002742

456C8C

00132C

6085A7

000117

7AA0C2

000000

95BBDE

B0D6FB

CDF3FF

E9FFFF

0C3D5A

0C3D5A

■ 033A5A

■ 15405A

■ 00395A

■ 1E445A

■ 27475A

■ 304A5A

■ 394E5A

■ 42515A

■ 4B545A

■ 54585A

■ 5D5B5A

# Harmonies

## Analogous

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



004152



0C3D5A



313759

# Triad

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



0C3D5A



592C2F



264023

# Complementary

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



0C3D5A



5A290C

# 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.



393C19



0C3D5A



543021

# Square

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



0C3D5A



552C40



493618



0A4233

# Rectangle

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



0C3D5A



423353



493618



2D3F1F



# Sweetspot

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



0C3D5A



576A75



0C5A29



28343B



BABABA



3B3B3B



# Same Dimension

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



0C3D5A



004A75



0C165A



292C2E



00456E



0095ED



# Inverse Universe

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



5A0C3D



75004A



5A500C



2E292C



6E0045



ED0095



# Previews

## White Background



This preview shows how the Hex color 0C3D5A looks on a white background.

## Color Contrast Check

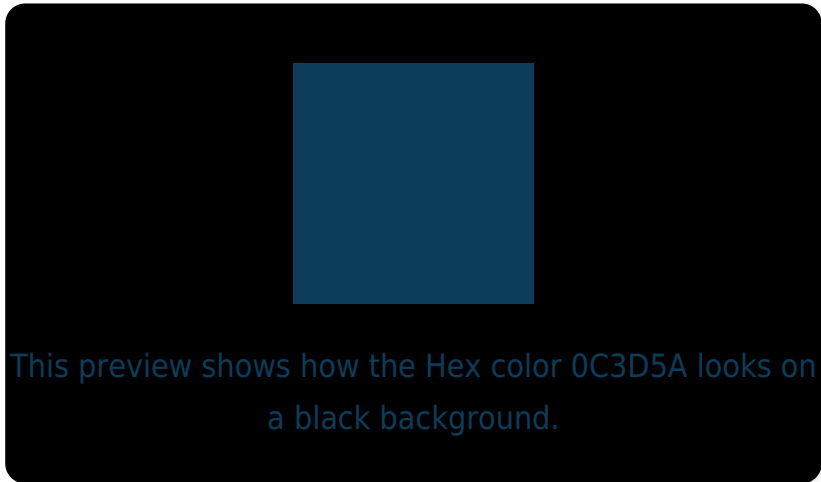
Large Text (above 18pt) WCAG AA ✓ Pass

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

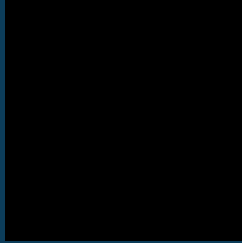
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0C3D5A Background



This preview shows how black text looks on a background with the Hex color 0C3D5A.



This preview shows how white text looks on a background with the Hex color 0C3D5A.

# 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**  
0C3D5A

**Protanopia**  
2F3956

**Deuteranopia**  
283A5B



# Trichromacy



**Original Color**  
0C3D5A

**Protanomaly**  
223A57

**Deuteranomaly**  
1E3B5B

**Tritanomaly**  
043F4D

# Monochromacy



**Original Color**  
0C3D5A

**Achromatopsia**  
323232

**Achromatomaly**  
243641

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C3D5A 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 #0C3D5A looks like.

```
.text, #text, p{  
    color:#0C3D5A  
}
```

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 #0C3D5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3D5A
}
```

## Border

The CSS property to change the border of an element to Hex 0C3D5A 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
#0C3D5A }
```

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

```
.border{ border-color:#0C3D5A }
```

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

Here you see how a box with a 4 pixel #0C3D5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3D5A; -webkit-box-shadow:4px 4px  
4px 4px #0C3D5A; box-shadow:4px 4px 4px  
4px #0C3D5A }
```

# Background

The CSS property to change the background color of an element to Hex 0C3D5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3D5A }
```

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

```
.background{ background-color:#0C3D5A }
```

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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