

Converting Colors

Hex(0C3D5B)

Have a look what the booklet for
Hex(0C3D5B) contains.

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Color

Hex(0C3D5B)

Conversions

Conversions Part 1

Format	Color
Hex	0C3D5B
RGB	12, 61, 91
RGB Percent	5%, 24%, 36%
CMY	0.9529, 0.7608, 0.6431
CMYK	0.87, 0.33, 0.00, 0.64
HSL	203°, 77%, 20%
HSV	203°, 87%, 36%
XYZ	3.7087, 4.1710, 10.5071
YIQ	49.7690, -38.8340, -1.0580

Conversions

Conversions Part 2

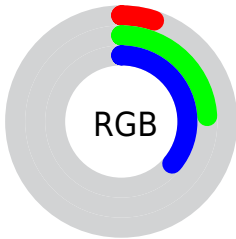
Format	Color
R_{YB}	12, 42, 91
Decimal	802139
CIE _{Lab}	24.23, -3.81, -22.38
CIE _{LCh}	24, 22.698, 260.334
Yxy	4.1710, 0.2017, 0.2268
Android (android.graphics.Color)	4278992219 (0xFF0C3D5B)
YUV	49.7690, 20.3269, -33.1234
Hunter-Lab	20.4230, -3.3257, -16.2072

Details

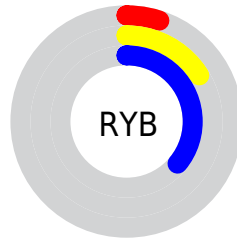
The Hex color **0C3D5B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5B2A0C**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **466C8D**, and **00132D** is the 20% darker color. If you saturate the color by 10%, you get **033A5B**, and if you desaturate by 10%, it is **15405B**.

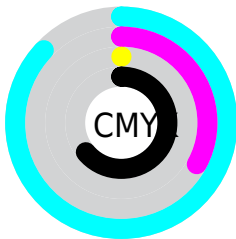
Distribution



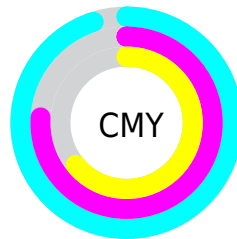
- Red (5%)
- Green (24%)
- Blue (36%)



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



- Cyan (87%)
- Magenta (33%)
- Yellow (0%)
- Black (64%)



- Cyan (95%)
- Magenta (76%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C3D5B 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 0C3D5B by changing the saturation by 10% instead.

0C3D5B

0C3D5B

FFFFFF

002743

466C8D

00132D

6085A8

000118

7AA0C3

000000

95BADF

B1D6FC

CDF3FF

EAffff

0C3D5B

0C3D5B

■ 033A5B

■ 15405B

■ 00385B

■ 1E445B

■ 27475B

■ 304B5B

■ 3A4E5B

■ 43525B

■ 4C555B

■ 55595B

■ 5E5C5B

Harmonies

Analogous

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



004153



0C3D5B



32375A

Triad

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



0C3D5B



5A2C2F



254023

Complementary

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



0C3D5B



5B2A0C

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.



383C18



0C3D5B



553120

Square

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



0C3D5B



572C40



493717



054233

Rectangle

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



0C3D5B



433354



493717



2C3F1F

Sweetspot

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



0C3D5B



576A75



0C5B29



28343B



BABABA



3B3B3B

Same Dimension

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



0C3D5B



004975



0C175B



292C2E



00446E



0093ED

Inverse Universe

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



5B0C3D



750049



5B500C



2E292C



6E0044



ED0093

Previews

White Background



This preview shows how the Hex color 0C3D5B looks on a white background.

Color Contrast Check

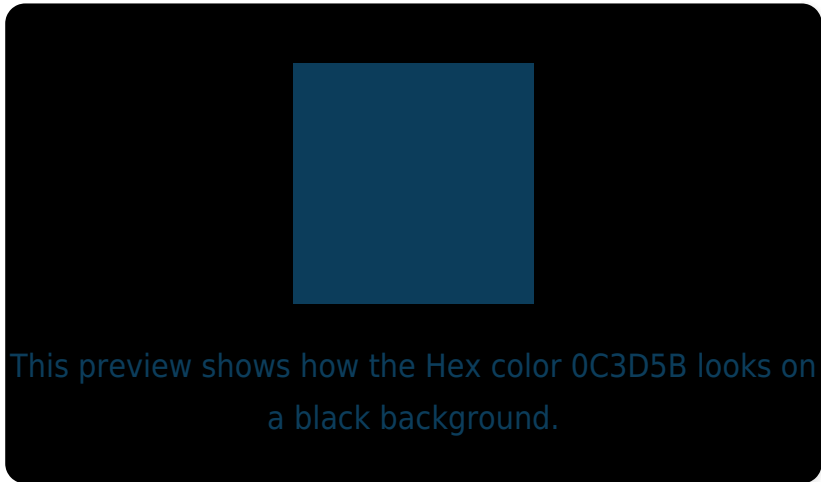
Large Text (above 18pt) WCAG AA ✓ Pass

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

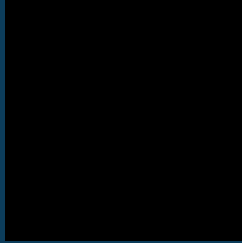
Any Text WCAG AA × Fail

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 0C3D5B Background



This preview shows how black text looks on a background with the Hex color 0C3D5B.



This preview shows how white text looks on a background with the Hex color 0C3D5B.

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
0C3D5B

Protanopia
2F3957

Deuteranopia
273A5C

Trichromacy



Original Color
0C3D5B

Protanomaly
223A58

Deuteranomaly
1D3B5C

Tritanomaly
043F4D

Monochromacy



Original Color
0C3D5B

Achromatopsia
323232

Achromatomaly
243641

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C3D5B 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 #0C3D5B looks like.

```
.text, #text, p{  
    color:#0C3D5B  
}
```

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 #0C3D5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3D5B
}
```

Border

The CSS property to change the border of an element to Hex 0C3D5B 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
#0C3D5B }
```

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

```
.border{ border-color:#0C3D5B }
```

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

Here you see how a box with a 4 pixel #0C3D5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3D5B; -webkit-box-shadow:4px 4px  
4px 4px #0C3D5B; box-shadow:4px 4px 4px  
4px #0C3D5B }
```

Background

The CSS property to change the background color of an element to Hex 0C3D5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3D5B }
```

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

```
.background{ background-color:#0C3D5B }
```

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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