

Converting Colors

Hex(0B3E5B)

Have a look what the booklet for
Hex(0B3E5B) contains.

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Color

Hex(0B3E5B)

Conversions

Conversions Part 1

Format	Color
Hex	0B3E5B
RGB	11, 62, 91
RGB Percent	4%, 24%, 36%
CMY	0.9569, 0.7569, 0.6431
CMYK	0.88, 0.32, 0.00, 0.64
HSL	202°, 78%, 20%
HSV	202°, 88%, 36%
XYZ	3.7490, 4.2717, 10.5245
YIQ	50.0570, -39.7050, -1.7930

Conversions

Conversions Part 2

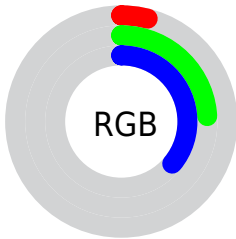
Format	Color
R_{YB}	11, 42, 91
Decimal	736859
CIE _{Lab}	24.55, -4.58, -21.87
CIE _{LCh}	25, 22.347, 258.162
Yxy	4.2717, 0.2022, 0.2303
Android (android.graphics.Color)	4278926939 (0xFF0B3E5B)
YUV	50.0570, 20.1849, -34.2530
Hunter-Lab	20.6682, -3.7915, -15.7234

Details

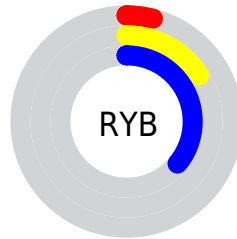
The Hex color **0B3E5B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5B280B**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **456D8D**, and **00142D** is the 20% darker color. If you saturate the color by 10%, you get **023B5B**, and if you desaturate by 10%, it is **14415B**.

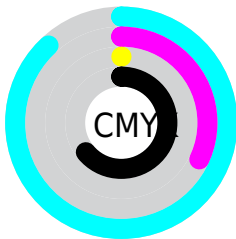
Distribution



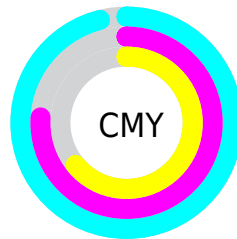
- Red (4%)
- Green (24%)
- Blue (36%)



- Red (4%)
- Yellow (16%)
- Blue (36%)



- Cyan (88%)
- Magenta (32%)
- Yellow (0%)
- Black (64%)



- Cyan (96%)
- Magenta (76%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B3E5B 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 0B3E5B by changing the saturation by 10% instead.

0B3E5B

0B3E5B

FFFFFF

002843

456D8D

00142D

5F87A8

000118

7AA1C3

000000

95BCDF

B0D7FC

CDF4FF

E9FFFF

0B3E5B

0B3E5B

■ 023B5B

■ 14415B

■ 003A5B

■ 1D455B

■ 26485B

■ 2F4B5B

■ 394E5B

■ 42525B

■ 4B555B

■ 54585B

■ 5D5C5B

Harmonies

Analogous

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



004253



0B3E5B



31385A

Triad

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



0B3E5B



5A2D31



274023

Complementary

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



0B3E5B



5B280B

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.



3A3D19



0B3E5B



563122

Square

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



0B3E5B



562D42



4A3719



0C4333

Rectangle

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



0B3E5B



423455



4A3719



2E3F1F

Sweetspot

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



0B3E5B



576A75



0B5B27



28343B



BABABA



3B3B3B

Same Dimension

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



0B3E5B



004B75



0B175B



292C2E



00466E



0097ED

Inverse Universe

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



5B0B3E



75004B



5B4F0B



2E292C



6E0046



ED0097

Previews

White Background



This preview shows how the Hex color 0B3E5B looks on a white background.

Color Contrast Check

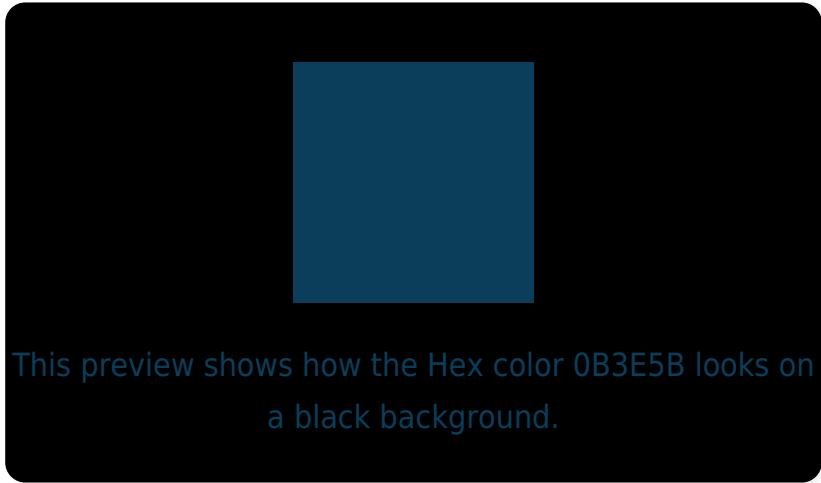
Large Text (above 18pt) WCAG AA ✓ Pass

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

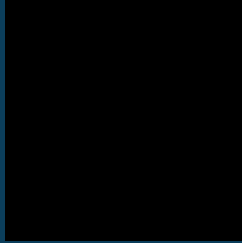
Any Text WCAG AA × Fail

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 0B3E5B Background



This preview shows how black text looks on a background with the Hex color 0B3E5B.



This preview shows how white text looks on a background with the Hex color 0B3E5B.

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
0B3E5B

Protanopia
303957

Deuteranopia
283A5C

Trichromacy



Original Color
0B3E5B

Protanomaly
233B58

Deuteranomaly
1D3B5C

Tritanomaly
04404E

Monochromacy



Original Color
0B3E5B

Achromatopsia
323232

Achromatomaly
243641

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B3E5B 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 #0B3E5B looks like.

```
.text, #text, p{  
    color:#0B3E5B  
}
```

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 #0B3E5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B3E5B
}
```

Border

The CSS property to change the border of an element to Hex 0B3E5B 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
#0B3E5B }
```

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

```
.border{ border-color:#0B3E5B }
```

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

Here you see how a box with a 4 pixel #0B3E5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B3E5B; -webkit-box-shadow:4px 4px  
4px 4px #0B3E5B; box-shadow:4px 4px 4px  
4px #0B3E5B }
```

Background

The CSS property to change the background color of an element to Hex 0B3E5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B3E5B }
```

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

```
.background{ background-color:#0B3E5B }
```

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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