

Converting Colors

Hex(0B3E5F)

Have a look what the booklet for
Hex(0B3E5F) contains.

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Color

Hex(0B3E5F)

Conversions

Conversions Part 1

Format	Color
Hex	0B3E5F
RGB	11, 62, 95
RGB Percent	4%, 24%, 37%
CMY	0.9569, 0.7569, 0.6275
CMYK	0.88, 0.35, 0.00, 0.63
HSL	204°, 79%, 21%
HSV	204°, 88%, 37%
XYZ	3.9262, 4.3426, 11.4577
YIQ	50.5130, -40.9890, -0.5490

Conversions

Conversions Part 2

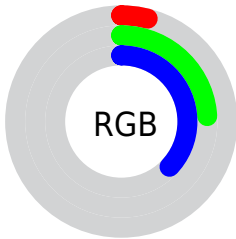
Format	Color
R_{YB}	11, 43, 95
Decimal	736863
CIE _{Lab}	24.77, -2.91, -24.12
CIE _{LCh}	25, 24.298, 263.133
Yxy	4.3426, 0.1990, 0.2201
Android (android.graphics.Color)	4278926943 (0xFF0B3E5F)
YUV	50.5130, 21.9321, -34.6529
Hunter-Lab	20.8390, -2.8376, -18.0118

Details

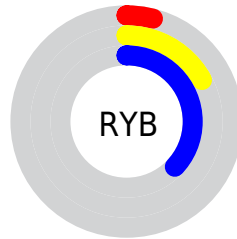
The Hex color **0B3E5F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5F2C0B**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **466D92**, and **001431** is the 20% darker color. If you saturate the color by 10%, you get **023A5F**, and if you desaturate by 10%, it is **15425F**.

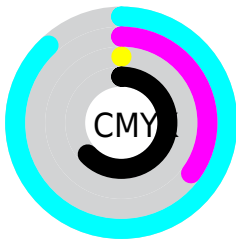
Distribution



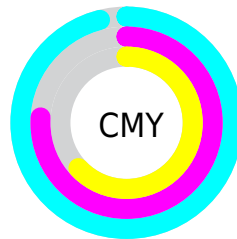
- Red (4%)
- Green (24%)
- Blue (37%)



- Red (4%)
- Yellow (17%)
- Blue (37%)



- Cyan (88%)
- Magenta (35%)
- Yellow (0%)
- Black (63%)



- Cyan (96%)
- Magenta (76%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B3E5F 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 0B3E5F by changing the saturation by 10% instead.

0B3E5F

0B3E5F

FFFFFF

002847

466D92

001431

6187AC

00011B

7BA1C8

000000

96BCE4

B2D7FF

CEF4FF

EBFFFF

0B3E5F

0B3E5F

■ 023A5F

■ 15425F

■ 003A5F

■ 1E455F

■ 28495F

■ 314D5F

■ 3B515F

■ 44545F

■ 4E585F

■ 575C5F

■ 61605F

Harmonies

Analogous

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



004258



0B3E5F



35385C

Triad

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



0B3E5F



5D2C2D



224224

Complementary

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



0B3E5F



5F2C0B

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.



383E18



0B3E5F



57321E

Square

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



0B3E5F



5A2C40



493815



004436

Rectangle

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



0B3E5F



473356



493815



2A411F

Sweetspot

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



0B3E5F



596D7A



0B5F2B



2A363D



BDBDBD



3D3D3D

Same Dimension

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



0B3E5F



004A7A



0B155F



2C2F30



004470



0092F0

Inverse Universe

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



5F0B3E



7A004A



5F550B



302C2F



700044



F00092

Previews

White Background



This preview shows how the Hex color 0B3E5F looks on a white background.

Color Contrast Check

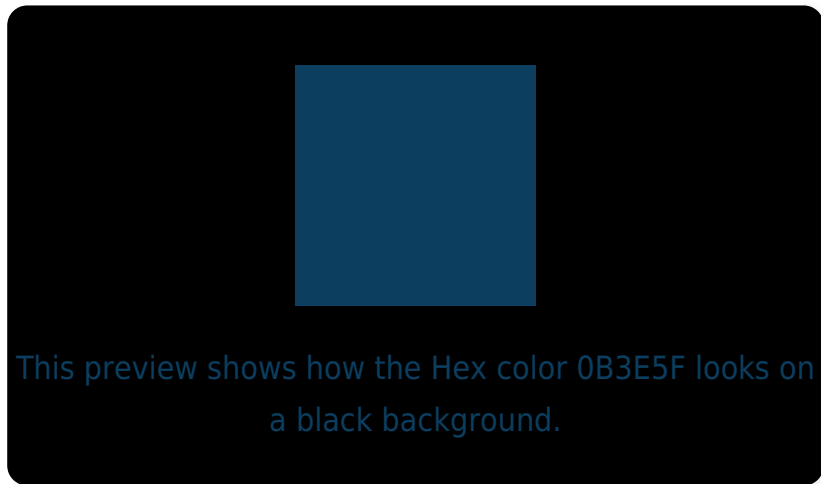
Large Text (above 18pt) WCAG AA ✓ Pass

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

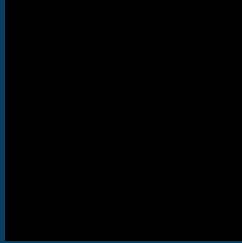
Any Text WCAG AA × Fail

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 0B3E5F Background



This preview shows how black text looks on a background with the Hex color 0B3E5F.



This preview shows how white text looks on a background with the Hex color 0B3E5F.

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
0B3E5F

Protanopia
2F3A5B

Deuteranopia
253B60

Trichromacy



Original Color
0B3E5F

Protanomaly
223B5C

Deuteranomaly
1C3C60

Tritanomaly
04414F

Monochromacy



Original Color
0B3E5F

Achromatopsia
333333

Achromatomaly
243743

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B3E5F 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 #0B3E5F looks like.

```
.text, #text, p{  
    color:#0B3E5F  
}
```

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 #0B3E5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B3E5F
}
```

Border

The CSS property to change the border of an element to Hex 0B3E5F 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
#0B3E5F }
```

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

```
.border{ border-color:#0B3E5F }
```

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

Here you see how a box with a 4 pixel #0B3E5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B3E5F; -webkit-box-shadow:4px 4px  
4px 4px #0B3E5F; box-shadow:4px 4px 4px  
4px #0B3E5F }
```

Background

The CSS property to change the background color of an element to Hex 0B3E5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B3E5F }
```

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

```
.background{ background-color:#0B3E5F }
```

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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