

Converting Colors

Hex(0B3F60)

Have a look what the booklet for
Hex(0B3F60) contains.

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Color

Hex(0B3F60)

Conversions

Conversions Part 1

Format	Color
Hex	0B3F60
RGB	11, 63, 96
RGB Percent	4%, 25%, 38%
CMY	0.9569, 0.7529, 0.6235
CMYK	0.89, 0.34, 0.00, 0.62
HSL	203°, 79%, 21%
HSV	203°, 89%, 38%
XYZ	4.0268, 4.4707, 11.7170
YIQ	51.2140, -41.5850, -0.7610

Conversions

Conversions Part 2

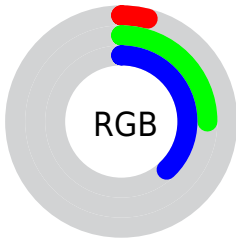
Format	Color
R_{YB}	11, 43, 96
Decimal	737120
CIE _{Lab}	25.17, -3.15, -24.15
CIE _{LCh}	25, 24.351, 262.563
Yxy	4.4707, 0.1992, 0.2212
Android (android.graphics.Color)	4278927200 (0xFF0B3F60)
YUV	51.2140, 22.0795, -35.2677
Hunter-Lab	21.1440, -3.0070, -18.0550

Details

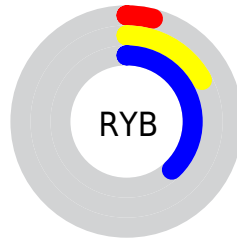
The Hex color **0B3F60** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **602C0B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **476E93**, and **001531** is the 20% darker color. If you saturate the color by 10%, you get **013B60**, and if you desaturate by 10%, it is **154360**.

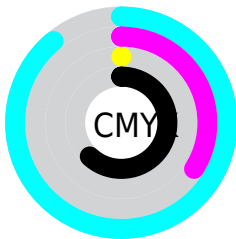
Distribution



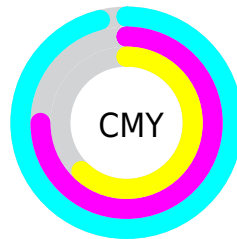
- Red (4%)
- Green (25%)
- Blue (38%)



- Red (4%)
- Yellow (17%)
- Blue (38%)



- Cyan (89%)
- Magenta (34%)
- Yellow (0%)
- Black (62%)



- Cyan (96%)
- Magenta (75%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B3F60 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 0B3F60 by changing the saturation by 10% instead.

0B3F60

0B3F60

FFFFFF

002948

476E93

001531

6188AD

00021C

7CA2C9

000000

97BDE5

B3D9FF

CFF5FF

ECFFFF

0B3F60

0B3F60

■ 013B60

■ 154360

■ 003B60

■ 1E4660

■ 284A60

■ 314E60

■ 3B5260

■ 455560

■ 4E5960

■ 585D60

■ 616160

Harmonies

Analogous

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



004358



0B3F60



36395E

Triad

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



0B3F60



5E2D2F



234324

Complementary

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



0B3F60



602C0B

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.



393F18



0B3F60



58321F

Square

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



0B3F60



5B2D41



4B3916



004536

Rectangle

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



0B3F60



473457



4B3916



2B4220

Sweetspot

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



0B3F60



5B707D



0B602C



2B3840



BFBFBF



404040

Same Dimension

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



0B3F60



004C7D



0B1560



2C2F30



004570



0093F0

Inverse Universe

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



600B3F



7D004C



60560B



302C2F



700045



F00093

Previews

White Background



This preview shows how the Hex color 0B3F60 looks on a white background.

Color Contrast Check

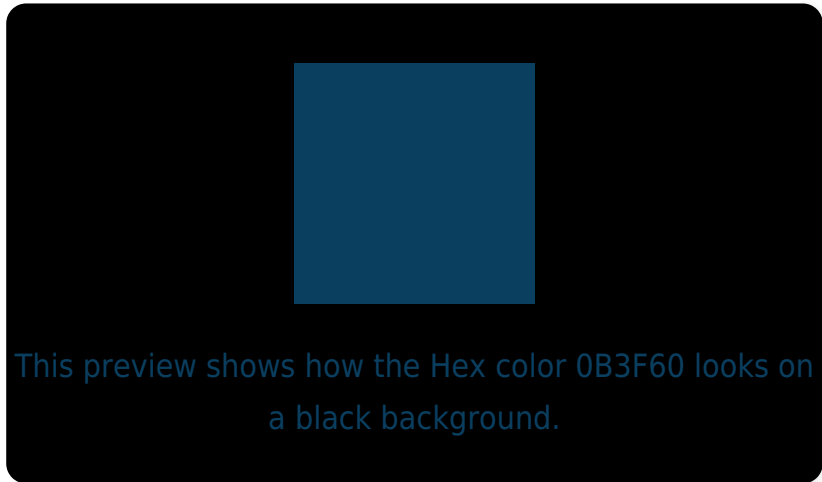
Large Text (above 18pt) WCAG AA ✓ Pass

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

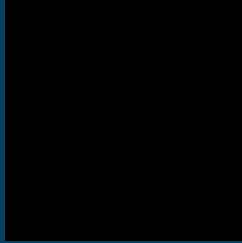
Any Text WCAG AA × Fail

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 0B3F60 Background



This preview shows how black text looks on a background with the Hex color 0B3F60.



This preview shows how white text looks on a background with the Hex color 0B3F60.

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
0B3F60

Protanopia
303B5C

Deuteranopia
263C61

Trichromacy



Original Color
0B3F60

Protanomaly
233C5D

Deuteranomaly
1C3D61

Tritanomaly
044250

Monochromacy



Original Color
0B3F60

Achromatopsia
333333

Achromatomaly
243743

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B3F60 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 #0B3F60 looks like.

```
.text, #text, p{  
    color:#0B3F60  
}
```

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 #0B3F60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B3F60
}
```

Border

The CSS property to change the border of an element to Hex 0B3F60 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
#0B3F60 }
```

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

```
.border{ border-color:#0B3F60 }
```

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

Here you see how a box with a 4 pixel #0B3F60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B3F60; -webkit-box-shadow:4px 4px  
4px 4px #0B3F60; box-shadow:4px 4px 4px  
4px #0B3F60 }
```

Background

The CSS property to change the background color of an element to Hex 0B3F60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B3F60 }
```

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

```
.background{ background-color:#0B3F60 }
```

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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