

# Converting Colors

Hex(0B2F4C)

Have a look what the booklet for  
Hex(0B2F4C) contains.

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# Color

**Hex(0B2F4C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B2F4C
RGB	11, 47, 76
RGB Percent	4%, 18%, 30%
CMY	0.9569, 0.8157, 0.7020
CMYK	0.86, 0.38, 0.00, 0.70
HSL	207°, 75%, 17%
HSV	207°, 86%, 30%
XYZ	2.4590, 2.6260, 7.2147
YIQ	39.5420, -30.7650, 1.3870

# Conversions

## Conversions Part 2

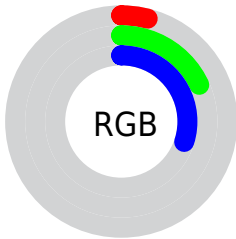
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	11, 34, 76
Decimal	733004
CIE <sub>Lab</sub>	18.48, -0.74, -21.48
CIE <sub>LCh</sub>	18, 21.497, 268.039
Yxy	2.6260, 0.1999, 0.2135
Android (android.graphics.Color)	4278923084 (0xFF0B2F4C)
YUV	39.5420, 17.9738, -25.0313
Hunter-Lab	16.2049, -1.2718, -15.0537

# Details

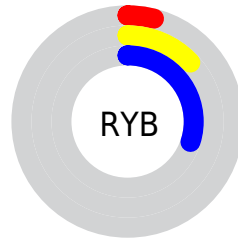
The Hex color **0B2F4C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4C280B**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **415D7D**, and **000220** is the 20% darker color. If you saturate the color by 10%, you get **032C4C**, and if you desaturate by 10%, it is **13324C**.

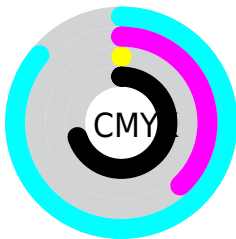
# Distribution



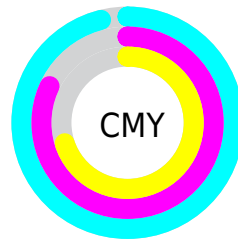
- Red (4%)
- Green (18%)
- Blue (30%)



- Red (4%)
- Yellow (13%)
- Blue (30%)



- Cyan (86%)
- Magenta (38%)
- Yellow (0%)
- Black (70%)



- Cyan (96%)
- Magenta (82%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B2F4C 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 0B2F4C by changing the saturation by 10% instead.



0B2F4C

0B2F4C

FFFFFF

001A35

415D7D

000220

5A7597

000004

748FB2

000000

8EA9CD

A9C4EA

C5E0FF

E2FDFF

0B2F4C

0B2F4C

■ 032C4C

■ 13324C

■ 002A4C

■ 1A364C

■ 22394C

■ 293D4C

■ 31404C

■ 39434C

■ 40474C

■ 484A4C

■ 4F4E4C

# Harmonies

## Analogous

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



003347



0B2F4C



2C2949

# Triad

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



0B2F4C



49211F



13331C

# Complementary

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



0B2F4C



4C280B

# 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.



273010



0B2F4C



432613

# Square

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



0B2F4C



49202F



372C0C



00352B

# Rectangle

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



0B2F4C



3A2542



372C0C



1B3317



# Sweetspot

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



0B2F4C



4A5863



0B4C27



232C33



B3B3B3



333333



# Same Dimension

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



0B2F4C



003763



0B0F4C



222526



003866



007FE6



# Inverse Universe

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



4C0B2F



630037



4C480B



262225



660038



E6007F



# Previews

## White Background



This preview shows how the Hex color 0B2F4C looks on a white background.

## Color Contrast Check

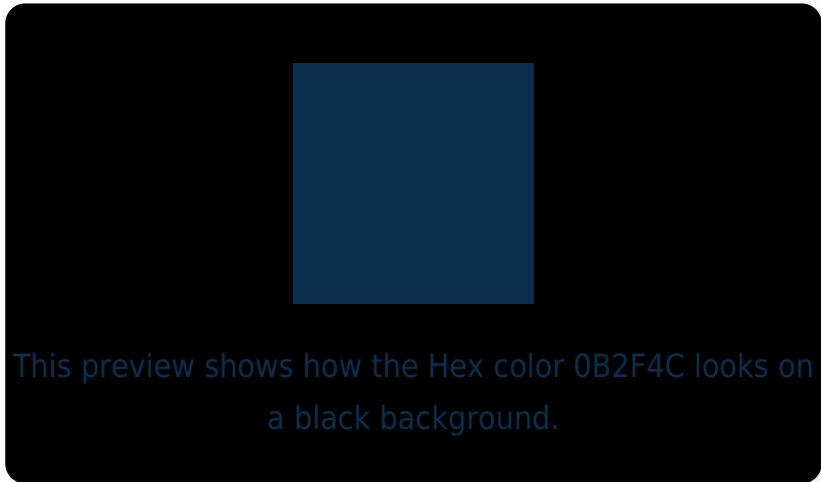
Large Text (above 18pt) WCAG AA ✓ Pass

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

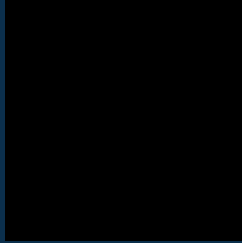
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0B2F4C Background



This preview shows how black text looks on a background with the Hex color 0B2F4C.



This preview shows how white text looks on a background with the Hex color 0B2F4C.

# 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**  
0B2F4C

**Protanopia**  
222C4A

**Deuteranopia**  
182E4C



# Trichromacy



**Original Color**  
0B2F4C

**Protanomaly**  
1A2D4B

**Deuteranomaly**  
132E4C

**Tritanomaly**  
04313E

# Monochromacy



**Original Color**  
0B2F4C

**Achromatopsia**  
282828

**Achromatomaly**  
1D2B35

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B2F4C 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 #0B2F4C looks like.

```
.text, #text, p{  
    color:#0B2F4C  
}
```

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 #0B2F4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B2F4C
}
```

## Border

The CSS property to change the border of an element to Hex 0B2F4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

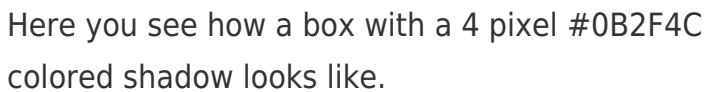
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0B2F4C }
```

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

```
.border{ border-color:#0B2F4C }
```

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



Here you see how a box with a 4 pixel #0B2F4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B2F4C; -webkit-box-shadow:4px 4px  
4px 4px #0B2F4C; box-shadow:4px 4px 4px  
4px #0B2F4C }
```

# Background

The CSS property to change the background color of an element to Hex 0B2F4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B2F4C }
```

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

```
.background{ background-color:#0B2F4C }
```

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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