

# Converting Colors

Hex(0B426B)

Have a look what the booklet for  
Hex(0B426B) contains.

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# Color

**Hex(0B426B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B426B
RGB	11, 66, 107
RGB Percent	4%, 26%, 42%
CMY	0.9569, 0.7412, 0.5804
CMYK	0.90, 0.38, 0.00, 0.58
HSL	206°, 81%, 23%
HSV	206°, 90%, 42%
XYZ	4.7401, 5.0291, 14.6308
YIQ	54.2290, -45.9410, 1.0910

# Conversions

## Conversions Part 2

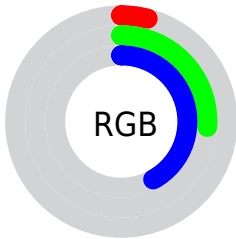
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 46, 107
Decimal	737899
CIELab	26.82, -0.52, -28.62
CIELCh	27, 28.620, 268.968
Yxy	5.0291, 0.1943, 0.2061
Android (android.graphics.Color)	4278927979 (0xFF0B426B)
YUV	54.2290, 26.0161, -37.9118
Hunter-Lab	22.4257, -1.5158, -22.9836

# Details

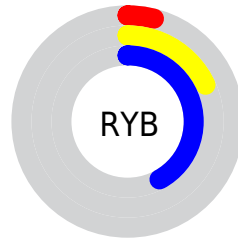
The Hex color **0B426B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6B340B**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **4A729F**, and **00183B** is the 20% darker color. If you saturate the color by 10%, you get **003D6B**, and if you desaturate by 10%, it is **16476B**.

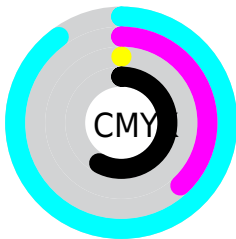
# Distribution



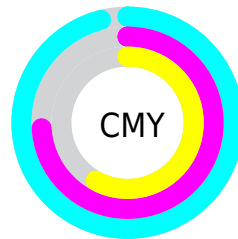
- Red (4%)
- Green (26%)
- Blue (42%)



- Red (4%)
- Yellow (18%)
- Blue (42%)



- Cyan (90%)
- Magenta (38%)
- Yellow (0%)
- Black (58%)



- Cyan (96%)
- Magenta (74%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B426B 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 0B426B by changing the saturation by 10% instead.



0B426B

0B426B

FFFFFF

002C53

4A729F

00183B

658BBA

000225

80A5D6

00010E

9BC0F2

000000

B7DCFF

D4F9FF

F1FFFF

0B426B

0B426B

■ 003D6B

■ 16476B

■ 204B6B

■ 2B506B

■ 36546B

■ 41596B

■ 4B5D6B

■ 56626B

■ 61676B

■ 6B6B6B

# Harmonies

## Analogous

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



004764



0B426B



3F3A66

# Triad

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



0B426B



672E2B



194828

# Complementary

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



0B426B



6B340B

# 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.



364417



0B426B



5D361A

# Square

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



0B426B



662C41



4C3E11



004A3E

# Rectangle

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



0B426B



52345C



4C3E11



244721



# Sweetspot

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



0B426B



667C8C



0B6B33



313E47



C7C7C7



474747



# Same Dimension

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



0B426B



00508C



0B136B



303336



004375



008CF5



# Inverse Universe

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



6B0B42



8C0050



6B630B



363033



750043



F5008C



# Previews

## White Background



This preview shows how the Hex color 0B426B looks on a white background.

## Color Contrast Check

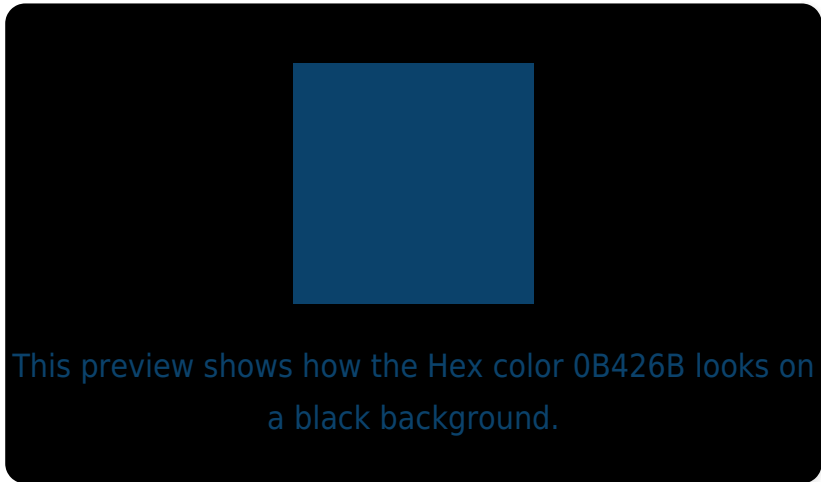
Large Text (above 18pt) WCAG AA ✓ Pass

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

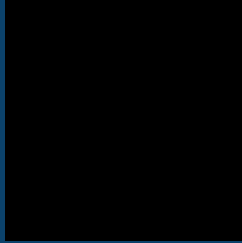
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0B426B Background



This preview shows how black text looks on a background with the Hex color 0B426B.



This preview shows how white text looks on a background with the Hex color 0B426B.

# 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**

0B426B

**Protanopia**

2F3E67

**Deuteranopia**

20406B



**Tritanopia**  
00474C

# Trichromacy



**Original Color**  
0B426B

**Protanomaly**  
223F68

**Deuteranomaly**  
18416B

**Tritanomaly**  
044557

# Monochromacy



**Original Color**  
0B426B

**Achromatopsia**  
363636

**Achromatomaly**  
263A49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B426B 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 #0B426B looks like.

```
.text, #text, p{  
    color:#0B426B  
}
```

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 #0B426B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B426B
}
```

## Border

The CSS property to change the border of an element to Hex 0B426B 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
#0B426B }
```

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

```
.border{ border-color:#0B426B }
```

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

Here you see how a box with a 4 pixel #0B426B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B426B; -webkit-box-shadow:4px 4px  
4px 4px #0B426B; box-shadow:4px 4px 4px  
4px #0B426B }
```

# Background

The CSS property to change the background color of an element to Hex 0B426B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B426B }
```

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

```
.background{ background-color:#0B426B }
```

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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