

Converting Colors

Hex(0B236E)

Have a look what the booklet for
Hex(0B236E) contains.

Hex(0B236E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0B236E)

Conversions

Conversions Part 1

Format	Color
Hex	0B236E
RGB	11, 35, 110
RGB Percent	4%, 14%, 43%
CMY	0.9569, 0.8627, 0.5686
CMYK	0.90, 0.68, 0.00, 0.57
HSL	225°, 82%, 24%
HSV	225°, 90%, 43%
XYZ	3.5535, 2.3990, 15.0276
YIQ	36.3740, -38.3790, 18.2370

Conversions

Conversions Part 2

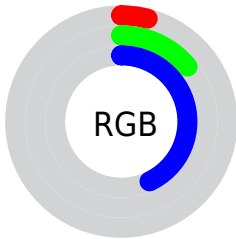
Format	Color
R_{YB}	11, 30, 110
Decimal	729966
CIE _{Lab}	17.46, 22.98, -45.68
CIE _{LCh}	17, 51.132, 296.713
Yxy	2.3990, 0.1694, 0.1143
Android (android.graphics.Color)	4278920046 (0xFF0B236E)
YUV	36.3740, 36.2976, -22.2530
Hunter-Lab	15.4887, 13.8474, -46.6829

Details

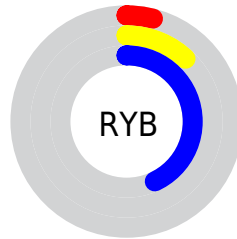
The Hex color **0B236E** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **6E560B**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **4C4FA2**, and **00003D** is the 20% darker color. If you saturate the color by 10%, you get **001B6E**, and if you desaturate by 10%, it is **162B6E**.

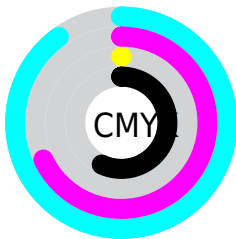
Distribution



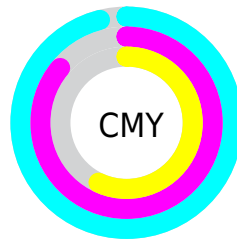
- Red (4%)
- Green (14%)
- Blue (43%)



- Red (4%)
- Yellow (12%)
- Blue (43%)



- Cyan (90%)
- Magenta (68%)
- Yellow (0%)
- Black (57%)



- Cyan (96%)
- Magenta (86%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B236E 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 0B236E by changing the saturation by 10% instead.

0B236E

0B236E

FFFFFF

001055

4C4FA2

00003D

6867BE

000326

8380DA

000110

9F9AF7

000000

BBB5FF

D8D1FF

F5EDFF

0B236E

0B236E

■ 001B6E

■ 162B6E

■ 21346E

■ 2C3C6E

■ 37446E

■ 424D6E

■ 4D556E

■ 585D6E

■ 63666E

■ 6E6E6E

Harmonies

Analogous

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



003276



0B236E



510154

Triad

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



0B236E



541500



003826

Complementary

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



0B236E



6E560B

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.



003600



0B236E



3A2800

Square

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



0B236E



65000B



143200



00394B

Rectangle

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



0B236E



61003D



143200



003818

Sweetspot

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



0B236E



68728F



0B6E55



313647



C7C7C7



474747

Same Dimension

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



0B236E



00238F



240B6E



323438



001D78



003CF7

Inverse Universe

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



6E0B23



8F0023



556E0B



383234



78001D



F7003C

Previews

White Background



This preview shows how the Hex color 0B236E looks on a white background.

Color Contrast Check

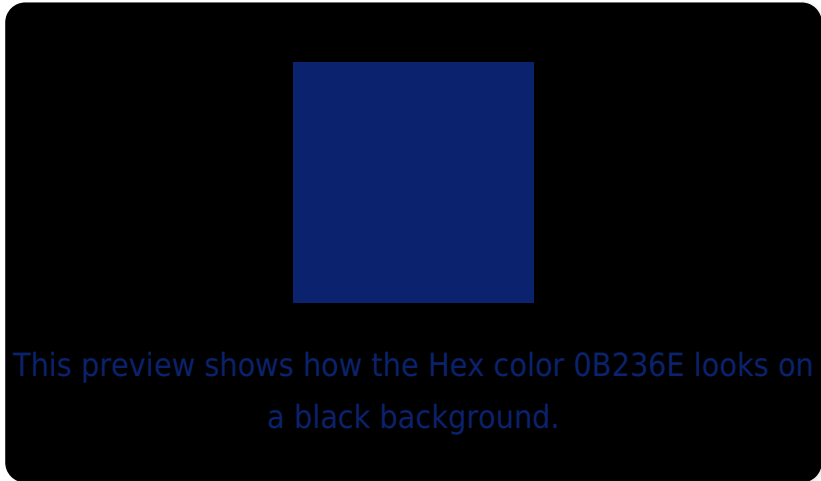
Large Text (above 18pt) WCAG AA ✓ Pass

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

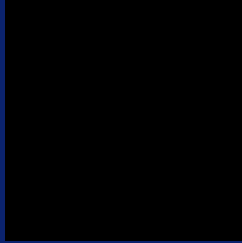
Any Text WCAG AA × Fail

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 0B236E Background



This preview shows how black text looks on a background with the Hex color 0B236E.



This preview shows how white text looks on a background with the Hex color 0B236E.

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
0B236E

Protanopia
002A59

Deuteranopia
002D4C

Trichromacy



Original Color
0B236E

Protanomaly
042761

Deuteranomaly
042958

Tritanomaly
042B48

Monochromacy



Original Color
0B236E

Achromatopsia
242424

Achromatomaly
1B243F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B236E 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 #0B236E looks like.

```
.text, #text, p{  
    color:#0B236E  
}
```

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 #0B236E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B236E
}
```

Border

The CSS property to change the border of an element to Hex 0B236E 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
#0B236E }
```

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

```
.border{ border-color:#0B236E }
```

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

Here you see how a box with a 4 pixel #0B236E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B236E; -webkit-box-shadow:4px 4px  
4px 4px #0B236E; box-shadow:4px 4px 4px  
4px #0B236E }
```

Background

The CSS property to change the background color of an element to Hex 0B236E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B236E }
```

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

```
.background{ background-color:#0B236E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor