

# Converting Colors

Hex(0B004F)

Have a look what the booklet for  
Hex(0B004F) contains.

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# Color

**Hex(0B004F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B004F
RGB	11, 0, 79
RGB Percent	4%, 0%, 31%
CMY	0.9569, 1.0000, 0.6902
CMYK	0.86, 1.00, 0.00, 0.69
HSL	248°, 100%, 15%
HSV	248°, 100%, 31%
XYZ	1.5493, 0.6357, 7.4382
YIQ	12.2950, -18.8030, 26.9010

# Conversions

## Conversions Part 2

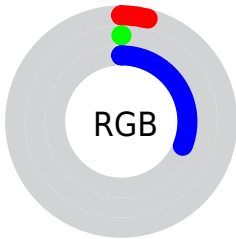
Format	Color
<a href="#">RYB</a>	<a href="#">11, 0, 79</a>
Decimal	<a href="#">720975</a>
CIELab	<a href="#">5.74, 33.06, -44.27</a>
CIElCh	<a href="#">6, 55.254, 306.751</a>
Yxy	<a href="#">0.6357, 0.1610, 0.0661</a>
Android (android.graphics.Color)	<a href="#">4278911055</a> ( <a href="#">0xFF0B004F</a> )
YUV	<a href="#">12.2950, 32.8856, -1.1357</a>
Hunter-Lab	<a href="#">7.9728, 20.7340, -49.7330</a>

# Details

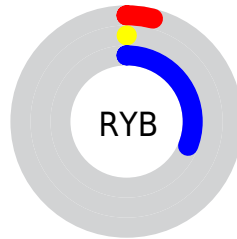
The Hex color **0B004F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **444F00**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **452C81**, and **000221** is the 20% darker color. If you saturate the color by 10%, you get **0B004F**, and if you desaturate by 10%, it is **12084F**.

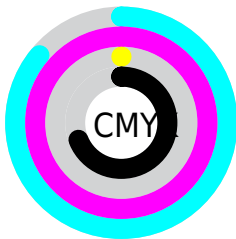
# Distribution



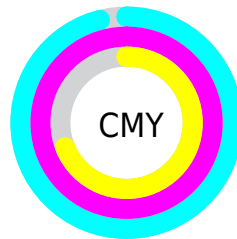
- Red (4%)
- Green (0%)
- Blue (31%)



- Red (4%)
- Yellow (0%)
- Blue (31%)



- Cyan (86%)
- Magenta (100%)
- Yellow (0%)
- Black (69%)



- Cyan (96%)
- Magenta (100%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B004F 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 0B004F by changing the saturation by 10% instead.



 0B004F

 0B004F

 FFE0FF

 000037

 452C81

 000221

 60439C

 000006

 7A5BB7

 000000

 9674D3

 B18EEF

 CEA9FF

 EBC4FF

 0B004F

■ 12084F

■ 19104F

■ 1F184F

■ 26204F

■ 2D284F

■ 342F4F

■ 3B374F

■ 413F4F

■ 48474F

# Harmonies

## Analogous

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



00185E



0B004F



3F0030

# Triad

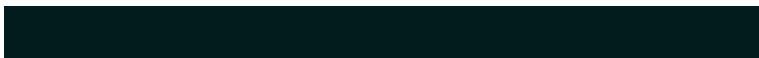
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0B004F



2F0200



001D1B

# Complementary

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



0B004F



444F00

# 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.



001C00



0B004F



0F1500

# Square

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



0B004F



420000



001C00



001F3F

# Rectangle

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



0B004F



490019



001C00



001D0C



# Sweetspot

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



0B004F



4C4766



00444F



232133



B3B3B3



333333



# Same Dimension

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



0B004F



0E0066



32004F



232226



2000E6

# Inverse Universe

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



4F0044



660058



1D4F00



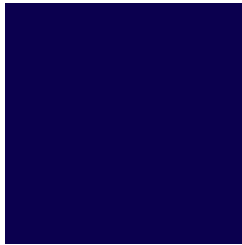
262226



E600C6

# Previews

## White Background



This preview shows how the Hex color 0B004F looks on a white background.

## Color Contrast Check

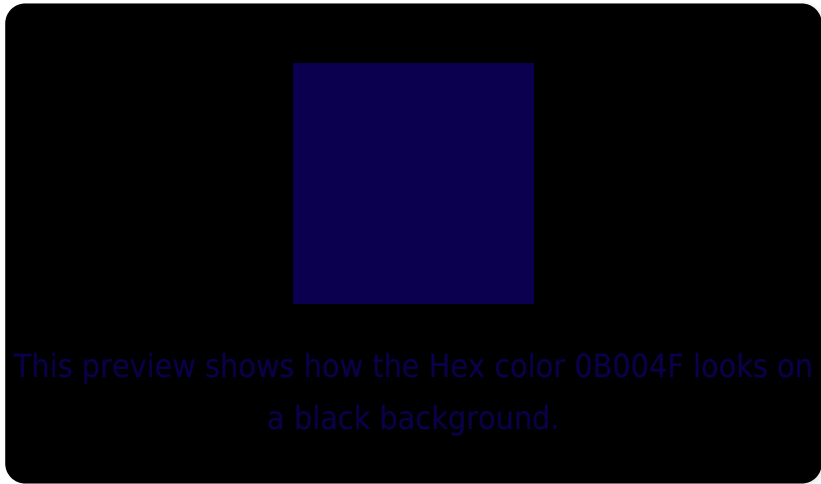
Large Text (above 18pt) WCAG AA ✓ Pass

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

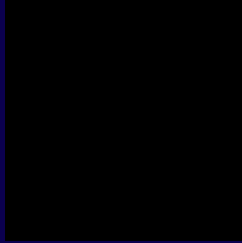
Any Text WCAG AA × Fail

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 0B004F Background



This preview shows how black text looks on a background with the Hex color 0B004F.



This preview shows how white text looks on a background with the Hex color 0B004F.

# 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**  
0B004F

**Protanopia**  
001731

**Deuteranopia**  
00192A





**Tritanopia**  
001B1C

# Trichromacy



**Original Color**  
0B004F

**Protanomaly**  
040F3C

**Deuteranomaly**  
041037

**Tritanomaly**  
04112F

# Monochromacy



**Original Color**  
0B004F

**Achromatopsia**  
0C0C0C

**Achromatomaly**  
0C0824

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B004F 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 #0B004F looks like.

```
.text, #text, p{  
    color:#0B004F  
}
```

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 #0B004F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B004F
}
```

## Border

The CSS property to change the border of an element to Hex 0B004F 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
#0B004F }
```

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

```
.border{ border-color:#0B004F }
```

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

Here you see how a box with a 4 pixel #0B004F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B004F; -webkit-box-shadow:4px 4px  
4px 4px #0B004F; box-shadow:4px 4px 4px  
4px #0B004F }
```

# Background

The CSS property to change the background color of an element to Hex 0B004F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B004F }
```

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

```
.background{ background-color:#0B004F }
```

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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