

# Converting Colors

Hex(01103B)

Have a look what the booklet for  
Hex(01103B) contains.

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# Color

**Hex(01103B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01103B
RGB	1, 16, 59
RGB Percent	0%, 6%, 23%
CMY	0.9961, 0.9373, 0.7686
CMYK	0.98, 0.73, 0.00, 0.77
HSL	224°, 97%, 12%
HSV	224°, 98%, 23%
XYZ	0.9872, 0.6928, 4.2194
YIQ	16.4170, -22.7430, 10.1930

# Conversions

## Conversions Part 2

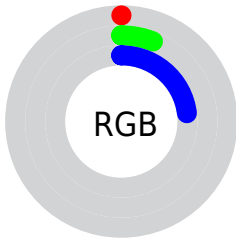
Format	Color
R <sub>Y</sub> B	1, 13, 59
Decimal	69691
CIE Lab	6.26, 13.15, -29.30
CIE LCh	6, 32.120, 294.173
Yxy	0.6928, 0.1673, 0.1174
Android (android.graphics.Color)	4278259771 (0xFF01103B)
YUV	16.4170, 20.9934, -13.5207
Hunter-Lab	8.3235, 6.6054, -24.2291

# Details

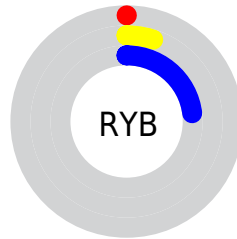
The Hex color **01103B** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3B2C01**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **363A6B**, and **00010D** is the 20% darker color. If you saturate the color by 10%, you get **000F3B**, and if you desaturate by 10%, it is **07143B**.

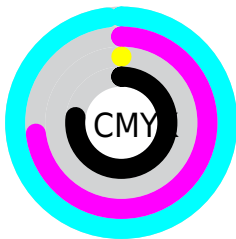
# Distribution



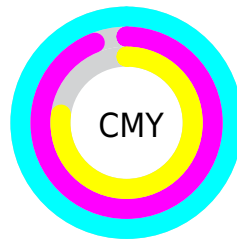
- Red (0%)
- Green (6%)
- Blue (23%)



- Red (0%)
- Yellow (5%)
- Blue (23%)



- Cyan (98%)
- Magenta (73%)
- Yellow (0%)
- Black (77%)



- Cyan (100%)
- Magenta (94%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 01103B 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 01103B by changing the saturation by 10% instead.



01103B

01103B

F1EEFF

000225

363A6B

00010D

4F5184

000000

68699F

8282BA

9D9CD6

B8B6F2

D4D2FF

01103B

01103B

■ 000F3B

■ 07143B

■ 0D193B

■ 131D3B

■ 19213B

■ 1E263B

■ 242A3B

■ 2A2F3B

■ 30333B

■ 36373B

# Harmonies

## Analogous

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



00183F



01103B



28022D

# Triad

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



01103B



2D0600



001E0D

# Complementary

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



01103B



3B2C01

# 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.



001E00



01103B



1E1200

# Square

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



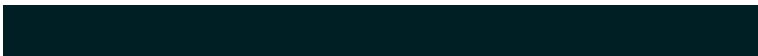
01103B



370000



011900



001F25

# Rectangle

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



01103B



330020



011900



001E00



# Sweetspot

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



01103B



363C4D



013B2C



191C26



A6A6A6



262626



# Same Dimension

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



01103B



00144D



0F013B



1C1C1F



00185E



0039DE



# Inverse Universe

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



3B0110



4D0014



2D3B01



1F1C1C



5E0018



DE0039



# Previews

## White Background



This preview shows how the Hex color 01103B looks on a white background.

## Color Contrast Check

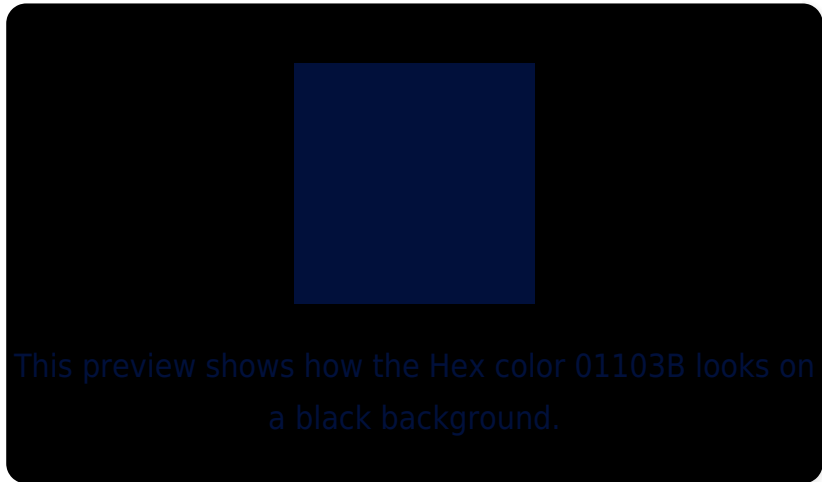
Large Text (above 18pt) WCAG AA ✓ Pass

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

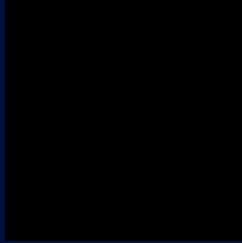
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 01103B Background



This preview shows how black text looks on a background with the Hex color 01103B.



This preview shows how white text looks on a background with the Hex color 01103B.

# 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**  
01103B

**Protanopia**  
00152C

**Deuteranopia**  
001626



**Tritanopia**  
00181A

# Trichromacy



**Original Color**

01103B

**Protanomaly**

001331

**Deuteranomaly**

00142E

**Tritanomaly**

001526

# Monochromacy



**Original Color**

01103B

**Achromatopsia**

101010

**Achromatomaly**

0B1020

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 01103B 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 #01103B looks like.

```
.text, #text, p{  
    color:#01103B  
}
```

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 #01103B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01103B
}
```

## Border

The CSS property to change the border of an element to Hex 01103B is called "border". The border property can be set on classes, ids or directly on the HTML element.

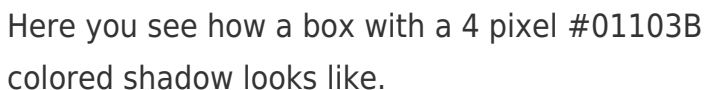
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#01103B }
```

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

```
.border{ border-color:#01103B }
```

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



Here you see how a box with a 4 pixel #01103B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01103B; -webkit-box-shadow:4px 4px  
4px 4px #01103B; box-shadow:4px 4px 4px  
4px #01103B }
```

# Background

The CSS property to change the background color of an element to Hex 01103B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01103B }
```

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

```
.background{ background-color:#01103B }
```

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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