

# Converting Colors

Hex(011B3A)

Have a look what the booklet for  
Hex(011B3A) contains.

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# Color

**Hex(011B3A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	011B3A
RGB	1, 27, 58
RGB Percent	0%, 11%, 23%
CMY	0.9961, 0.8941, 0.7725
CMYK	0.98, 0.53, 0.00, 0.77
HSL	213°, 97%, 12%
HSV	213°, 98%, 23%
XYZ	1.1682, 1.0958, 4.1529
YIQ	22.7600, -25.4470, 4.1290

# Conversions

## Conversions Part 2

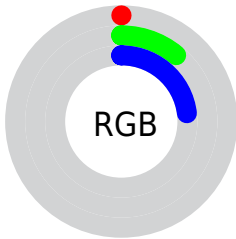
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 19, 58
Decimal	72506
CIE Lab	9.77, 4.33, -22.90
CIE LCh	10, 23.305, 280.708
Yxy	1.0958, 0.1820, 0.1708
Android (android.graphics.Color)	4278262586 (0xFF011B3A)
YUV	22.7600, 17.3733, -19.0835
Hunter-Lab	10.4681, 1.6003, -16.1941

# Details

The Hex color **011B3A** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3A2001**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **35466A**, and **00010D** is the 20% darker color. If you saturate the color by 10%, you get **001A3A**, and if you desaturate by 10%, it is **071E3A**.

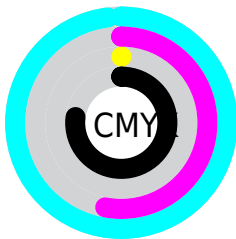
# Distribution



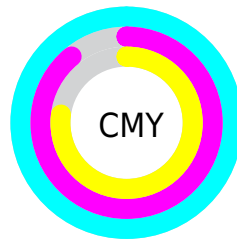
- Red (0%)
- Green (11%)
- Blue (23%)



- Red (0%)
- Yellow (7%)
- Blue (23%)



- Cyan (98%)
- Magenta (53%)
- Yellow (0%)
- Black (77%)



- Cyan (100%)
- Magenta (89%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 011B3A 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 011B3A by changing the saturation by 10% instead.



011B3A

011B3A

EFFEFF

000025

35466A

00010D

4E5D83

000000

67769D

818FB8

9BAAD4

B7C5F0

D3E1FF

011B3A

011B3A

■ 001A3A

■ 071E3A

■ 0D213A

■ 12243A

■ 18283A

■ 1E2B3A

■ 242E3A

■ 2A313A

■ 2F343A

■ 35373A

# Harmonies

## Analogous

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



002039



011B3A



231433

# Triad

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



011B3A



350F00



00220F

# Complementary

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



011B3A



3A2001

# 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.



0E2000



011B3A



2B1600

# Square

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



011B3A



370B16



1E1C00



002320

# Rectangle

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



011B3A



2E0F2B



1E1C00



002107



# Sweetspot

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



011B3A



36404D



013A1F



191F26



A6A6A6



262626



# Same Dimension

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



011B3A



00234D



03013A



191B1C



002A5C



0064DB



# Inverse Universe

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



3A011B



4D0023



383A01



1C191B



5C002A



DB0064



# Previews

## White Background



This preview shows how the Hex color 011B3A looks on a white background.

## Color Contrast Check

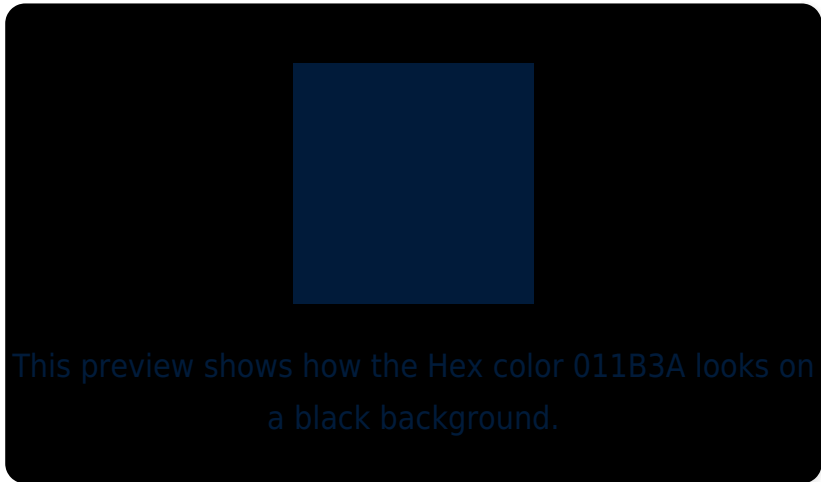
Large Text (above 18pt) WCAG AA ✓ Pass

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

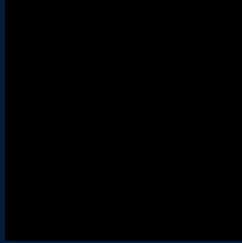
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 011B3A Background



This preview shows how black text looks on a background with the Hex color 011B3A.



This preview shows how white text looks on a background with the Hex color 011B3A.

# 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**  
011B3A

**Protanopia**  
001B3A

**Deuteranopia**  
001D32



**Tritanopia**  
001F21

# Trichromacy



**Original Color**

011B3A

**Protanomaly**

001B3A

**Deuteranomaly**

001C35

**Tritanomaly**

001E2A

# Monochromacy



**Original Color**

011B3A

**Achromatopsia**

171717

**Achromatomaly**

0F1824

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 011B3A 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 #011B3A looks like.

```
.text, #text, p{  
    color:#011B3A  
}
```

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 #011B3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #011B3A
}
```

## Border

The CSS property to change the border of an element to Hex 011B3A 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
#011B3A }
```

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

```
.border{ border-color:#011B3A }
```

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

Here you see how a box with a 4 pixel #011B3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #011B3A; -webkit-box-shadow:4px 4px  
4px 4px #011B3A; box-shadow:4px 4px 4px  
4px #011B3A }
```

# Background

The CSS property to change the background color of an element to Hex 011B3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#011B3A }
```

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

```
.background{ background-color:#011B3A }
```

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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