

Converting Colors

Hex(001B3A)

Have a look what the booklet for
Hex(001B3A) contains.

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Color

Hex(001B3A)

Conversions

Conversions Part 1

Format	Color
Hex	001B3A
RGB	0, 27, 58
RGB Percent	0%, 11%, 23%
CMY	1.0000, 0.8941, 0.7725
CMYK	1.00, 0.53, 0.00, 0.77
HSL	212°, 100%, 11%
HSV	212°, 100%, 23%
XYZ	1.1557, 1.0894, 4.1523
YIQ	22.4610, -26.0430, 3.9170

Conversions

Conversions Part 2

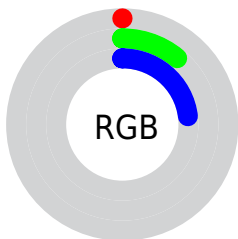
Format	Color
RYB	0, 18, 58
Decimal	6970
CIELab	9.71, 4.13, -22.98
CIELCh	10, 23.353, 280.199
Yxy	1.0894, 0.1806, 0.1703
Android (android.graphics.Color)	4278197050 (0xFF001B3A)
YUV	22.4610, 17.5207, -19.6983
Hunter-Lab	10.4372, 1.4992, -16.2819

Details

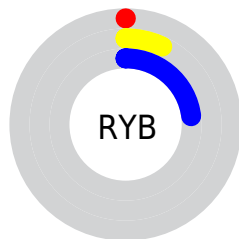
The Hex color **001B3A** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3A1F00**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **34466A**, and **00010D** is the 20% darker color. If you saturate the color by 10%, you get **001B3A**, and if you desaturate by 10%, it is **061E3A**.

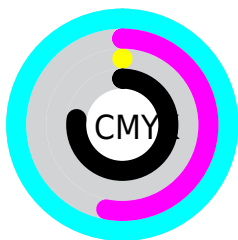
Distribution



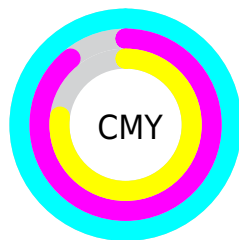
- Red (0%)
- Green (11%)
- Blue (23%)



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



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (77%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 001B3A 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 001B3A by changing the saturation by 10% instead.

 001B3A

 001B3A

 EFFEFF

 000025

 34466A

 00010D

 4D5D83

 000000

 66769D

 808FB8

 9BAAD4

 B6C5F0

 D2E1FF

 001B3A

■ 061E3A

■ 0C213A

■ 11243A

■ 17273A

■ 1D2B3A

■ 232E3A

■ 29313A

■ 2E343A

■ 34373A

Harmonies

Analogous

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



001F38



001B3A



221433

Triad

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



001B3A



350F00



00220E

Complementary

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



001B3A



3A1F00

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



001B3A



2B1600

Square

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



001B3A



370A16



1E1C00



002320

Rectangle

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



001B3A



2E0F2B



1E1C00



002106

Sweetspot

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



001B3A



36404D



003A1F



181F26



A6A6A6



262626

Same Dimension

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



001B3A



00244D



02003A



191B1C



002B5C



0066DB

Inverse Universe

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



3A001B



4D0024



383A00



1C191B



5C002B



DB0066

Previews

White Background



This preview shows how the Hex color 001B3A looks on a white background.

Color Contrast Check

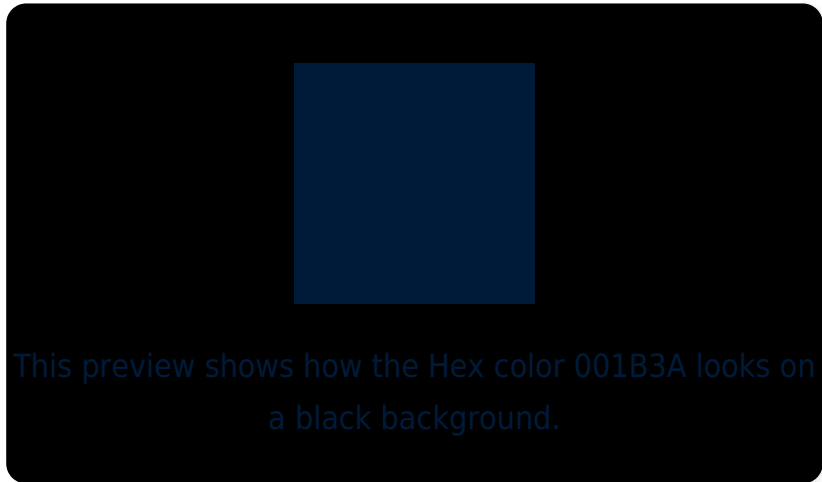
Large Text (above 18pt) WCAG AA ✓ Pass

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

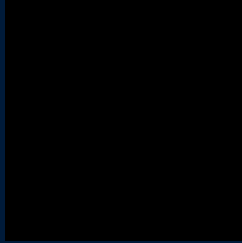
Any Text WCAG AA × Fail

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 001B3A Background



This preview shows how black text looks on a background with the Hex color 001B3A.



This preview shows how white text looks on a background with the Hex color 001B3A.

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
001B3A

Protanopia
001B3A

Deuteranopia
001D32



Tritanopia
001F21

Trichromacy



Original Color

001B3A

Protanomaly

001B3A

Deuteranomaly

001C35

Tritanomaly

001E2A

Monochromacy



Original Color

001B3A

Achromatopsia

161616

Achromatomaly

0E1823

CSS Examples

Text

The CSS property to change the color of the text to Hex 001B3A 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 #001B3A looks like.

```
.text, #text, p{  
    color:#001B3A  
}
```

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 #001B3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001B3A
}
```

Border

The CSS property to change the border of an element to Hex 001B3A 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
#001B3A }
```

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

```
.border{ border-color:#001B3A }
```

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

Here you see how a box with a 4 pixel #001B3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001B3A; -webkit-box-shadow:4px 4px  
4px 4px #001B3A; box-shadow:4px 4px 4px  
4px #001B3A }
```

Background

The CSS property to change the background color of an element to Hex 001B3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001B3A }
```

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

```
.background{ background-color:#001B3A }
```

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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