

Converting Colors

Hex(001B3D)

Have a look what the booklet for
Hex(001B3D) contains.

Hex(001B3D)	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(001B3D)

Conversions

Conversions Part 1

Format	Color
Hex	001B3D
RGB	0, 27, 61
RGB Percent	0%, 11%, 24%
CMY	1.0000, 0.8941, 0.7608
CMYK	1.00, 0.56, 0.00, 0.76
HSL	213°, 100%, 12%
HSV	213°, 100%, 24%
XYZ	1.2342, 1.1208, 4.5662
YIQ	22.8030, -27.0060, 4.8500

Conversions

Conversions Part 2

Format	Color
RYB	0, 19, 61
Decimal	6973
CIELab	9.96, 5.63, -24.73
CIELCh	10, 25.360, 282.822
Yxy	1.1208, 0.1783, 0.1619
Android (android.graphics.Color)	4278197053 (0xFF001B3D)
YUV	22.8030, 18.8311, -19.9982
Hunter-Lab	10.5867, 2.2834, -18.1617

Details

The Hex color **001B3D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3D2200**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **36466D**, and **000111** is the 20% darker color. If you saturate the color by 10%, you get **001B3D**, and if you desaturate by 10%, it is **061E3D**.

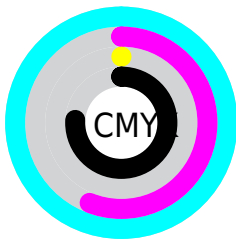
Distribution



- Red (0%)
- Green (11%)
- Blue (24%)



- Red (0%)
- Yellow (7%)
- Blue (24%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (76%)



- Cyan (100%)
- Magenta (89%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Hex color 001B3D 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 001B3D by changing the saturation by 10% instead.


 001B3D

 001B3D

 F1FDFF

 000027

 36466D

 000111

 4E5D86

 000000

 6876A1

 828FBC

 9DAAD8

 B8C5F4

 D4E1FF

 001B3D

■ 061E3D

■ 0C223D

■ 12253D

■ 18293D

■ 1F2C3D

■ 252F3D

■ 2B333D

■ 31363D

■ 373A3D

Harmonies

Analogous

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



00203C



001B3D



251335

Triad

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



001B3D



360F00



002310

Complementary

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



001B3D



3D2200

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.



0A2100



001B3D



2C1700

Square

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



001B3D



390815



1D1D00



002422

Rectangle

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



001B3D



310D2B



1D1D00



002207

Sweetspot

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



001B3D



37424F



003D22



1A2129



A8A8A8



292929

Same Dimension

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



001B3D



00234F



03003D



1C1D1F



002A5E



0062DE

Inverse Universe

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



3D001B



4F0023



3A3D00



1F1C1D



5E002A



DE0062

Previews

White Background



This preview shows how the Hex color 001B3D looks on a white background.

Color Contrast Check

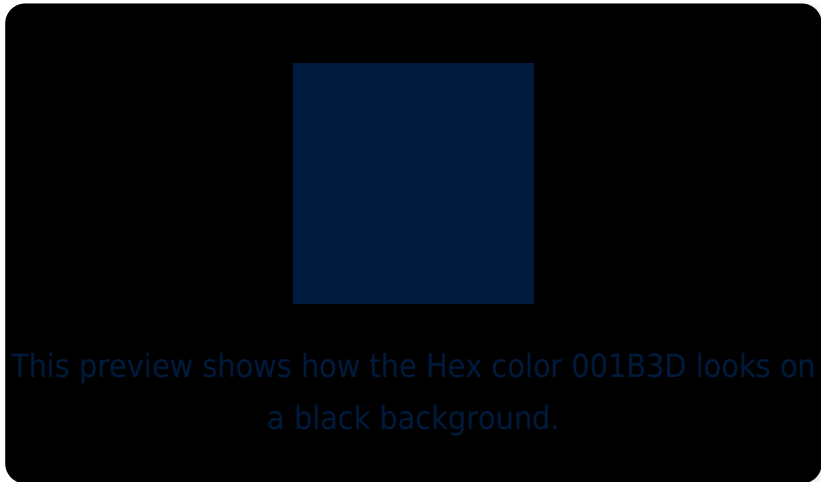
Large Text (above 18pt) WCAG AA ✓ Pass

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

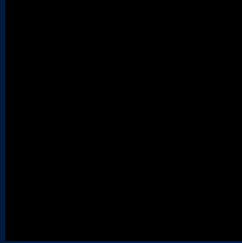
Any Text WCAG AA × Fail

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 001B3D Background



This preview shows how black text looks on a background with the Hex color 001B3D.



This preview shows how white text looks on a background with the Hex color 001B3D.

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
001B3D

Protanopia
001C3B

Deuteranopia
001D32

Trichromacy



Original Color

001B3D

Protanomaly

001C3C

Deuteranomaly

001C36

Tritanomaly

001E2C

Monochromacy



Original Color

001B3D

Achromatopsia

171717

Achromatomaly

0F1825

CSS Examples

Text

The CSS property to change the color of the text to Hex 001B3D 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 #001B3D looks like.

```
.text, #text, p{  
    color:#001B3D  
}
```

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 #001B3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001B3D
}
```

Border

The CSS property to change the border of an element to Hex 001B3D 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
#001B3D }
```

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

```
.border{ border-color:#001B3D }
```

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

Here you see how a box with a 4 pixel #001B3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001B3D; -webkit-box-shadow:4px 4px  
4px 4px #001B3D; box-shadow:4px 4px 4px  
4px #001B3D }
```

Background

The CSS property to change the background color of an element to Hex 001B3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001B3D }
```

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

```
.background{ background-color:#001B3D }
```

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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