

Converting Colors

Hex(001A37)

Have a look what the booklet for
Hex(001A37) contains.

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Color

Hex(001A37)

Conversions

Conversions Part 1

Format	Color
Hex	001A37
RGB	0, 26, 55
RGB Percent	0%, 10%, 22%
CMY	1.0000, 0.8980, 0.7843
CMYK	1.00, 0.53, 0.00, 0.78
HSL	212°, 100%, 11%
HSV	212°, 100%, 22%
XYZ	1.0590, 1.0146, 3.7545
YIQ	21.5320, -24.8050, 3.5070

Conversions

Conversions Part 2

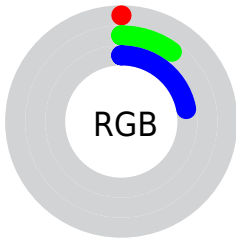
Format	Color
RYB	0, 18, 55
Decimal	6711
CIELab	9.11, 3.43, -21.80
CIELCh	9, 22.067, 278.942
Yxy	1.0146, 0.1817, 0.1741
Android (android.graphics.Color)	4278196791 (0xFF001A37)
YUV	21.5320, 16.4997, -18.8836
Hunter-Lab	10.0729, 1.1386, -15.0482

Details

The Hex color **001A37** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **371D00**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **334566**, and **000007** is the 20% darker color. If you saturate the color by 10%, you get **001A37**, and if you desaturate by 10%, it is **051D37**.

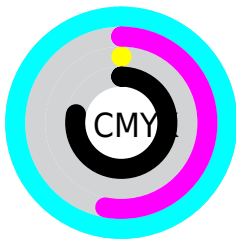
Distribution



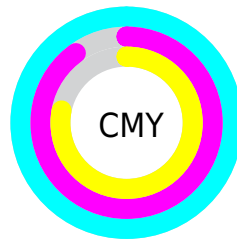
- Red (0%)
- Green (10%)
- Blue (22%)



- Red (0%)
- Yellow (7%)
- Blue (22%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (78%)



- Cyan (100%)
- Magenta (90%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001A37 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 001A37 by changing the saturation by 10% instead.

 001A37

 001A37

 EDFCFF

 000222

 334566

 000007

 4C5C7F

 000000

 657599

 7F8EB4

 99A8D0

 B4C4EC

 D0E0FF

 001A37

■ 051D37

■ 0B2037

■ 112337

■ 162637

■ 1C2937

■ 212B37

■ 272E37

■ 2C3137

■ 323437

Harmonies

Analogous

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



001E35



001A37



201431

Triad

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



001A37



320E00



00210D

Complementary

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



001A37



371D00

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.



0E1E00



001A37



2A1500

Square

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



001A37



340A16



1E1A00



00211E

Rectangle

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



001A37



2B0F29



1E1A00



002005

Sweetspot

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



001A37



323C47



00371C



171D24



A3A3A3



242424

Same Dimension

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



001A37



002247



010037



191B1C



002B5C



0068DB

Inverse Universe

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



37001A



470022



363700



1C191B



5C002B



DB0068

Previews

White Background



This preview shows how the Hex color 001A37 looks on a white background.

Color Contrast Check

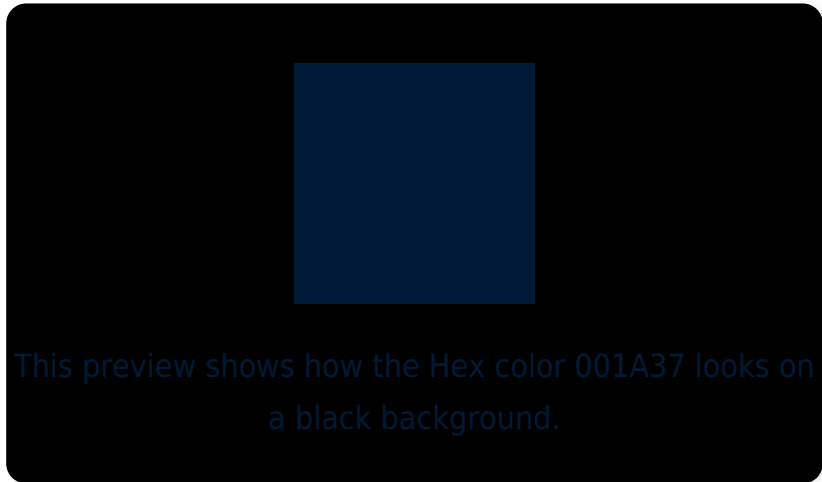
Large Text (above 18pt) WCAG AA ✓ Pass

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

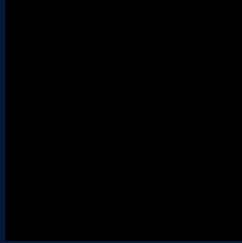
Any Text WCAG AA × Fail

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 001A37 Background



This preview shows how black text looks on a background with the Hex color 001A37.



This preview shows how white text looks on a background with the Hex color 001A37.

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
001A37

Protanopia
041A37

Deuteranopia
001C30



Tritanopia
001E20

Trichromacy



Original Color
001A37

Protanomaly
031A37

Deuteranomaly
001B33

Tritanomaly
001D28

Monochromacy



Original Color
001A37

Achromatopsia
161616

Achromatomaly
0E1722

CSS Examples

Text

The CSS property to change the color of the text to Hex 001A37 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 #001A37 looks like.

```
.text, #text, p{  
    color:#001A37  
}
```

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 #001A37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001A37
}
```

Border

The CSS property to change the border of an element to Hex 001A37 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
#001A37 }
```

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

```
.border{ border-color:#001A37 }
```

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

Here you see how a box with a 4 pixel #001A37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001A37; -webkit-box-shadow:4px 4px  
4px 4px #001A37; box-shadow:4px 4px 4px  
4px #001A37 }
```

Background

The CSS property to change the background color of an element to Hex 001A37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001A37 }
```

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

```
.background{ background-color:#001A37 }
```

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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