

Converting Colors

Hex(001A49)

Have a look what the booklet for
Hex(001A49) contains.

Hex(001A49)	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(001A49)

Conversions

Conversions Part 1

Format	Color
Hex	001A49
RGB	0, 26, 73
RGB Percent	0%, 10%, 29%
CMY	1.0000, 0.8980, 0.7137
CMYK	1.00, 0.64, 0.00, 0.71
HSL	219°, 100%, 14%
HSV	219°, 100%, 29%
XYZ	1.5720, 1.2198, 6.4559
YIQ	23.5840, -30.5830, 9.1050

Conversions

Conversions Part 2

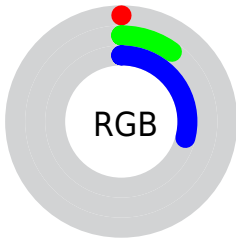
Format	Color
RYB	0, 19, 73
Decimal	6729
CIELab	10.70, 12.29, -31.95
CIELCh	11, 34.232, 291.045
Yxy	1.2198, 0.1700, 0.1319
Android (android.graphics.Color)	4278196809 (0xFF001A49)
YUV	23.5840, 24.3621, -20.6832
Hunter-Lab	11.0446, 6.0782, -26.9258

Details

The Hex color **001A49** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **492F00**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **3B457A**, and **00021C** is the 20% darker color. If you saturate the color by 10%, you get **001A49**, and if you desaturate by 10%, it is **071F49**.

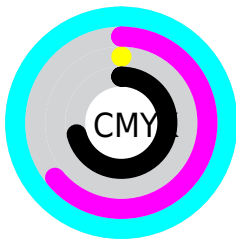
Distribution



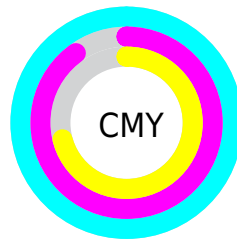
- Red (0%)
- Green (10%)
- Blue (29%)



- Red (0%)
- Yellow (7%)
- Blue (29%)



- Cyan (100%)
- Magenta (64%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (90%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001A49 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 001A49 by changing the saturation by 10% instead.

■ 001A49

■ 001A49

■ F9FCFF

■ 000032

■ 3B457A

■ 00021C

■ 545C94

■ 000000

■ 6E74AF

■ 898ECB

■ A4A8E7

■ C0C4FF

■ DCDFFF

■ 001A49

■ 071F49

■ 0F2349

■ 162849

■ 1D2D49

■ 253249

■ 2C3649

■ 333B49

■ 3A4049

■ 424449

Harmonies

Analogous

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



00224C



001A49



310C3B

Triad

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



001A49



3B0D00



002715

Complementary

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



001A49



492F00

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.



002500



001A49



2B1900

Square

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



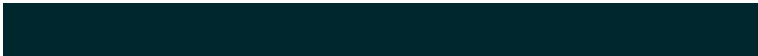
001A49



44000B



162100



00272D

Rectangle

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



001A49



3E012D



162100



00270A

Sweetspot

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



001A49



424C5E



00492E



1F2530



B0B0B0



303030

Same Dimension

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



001A49



00225E



0A0049



202124



002363



0051E3

Inverse Universe

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



49001A



5E0022



3F4900



242021



630023



E30051

Previews

White Background



This preview shows how the Hex color 001A49 looks on a white background.

Color Contrast Check

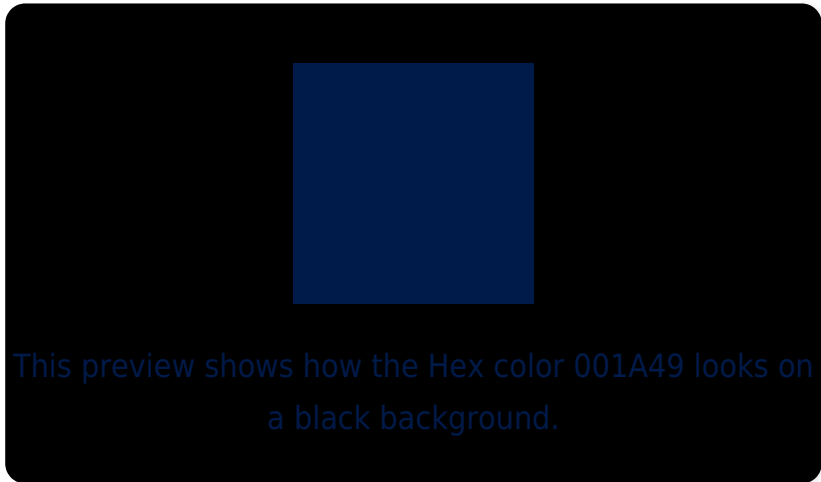
Large Text (above 18pt) WCAG AA ✓ Pass

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

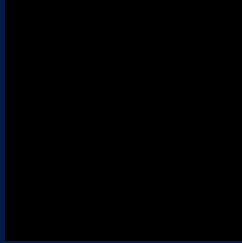
Any Text WCAG AA × Fail

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 001A49 Background



This preview shows how black text looks on a background with the Hex color 001A49.



This preview shows how white text looks on a background with the Hex color 001A49.

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
001A49

Protanopia
001D3E

Deuteranopia
001F35

Trichromacy



Original Color
001A49

Protanomaly
001C42

Deuteranomaly
001D3C

Tritanomaly
001F31

Monochromacy



Original Color
001A49

Achromatopsia
181818

Achromatomaly
0F192A

CSS Examples

Text

The CSS property to change the color of the text to Hex 001A49 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 #001A49 looks like.

```
.text, #text, p{  
    color:#001A49  
}
```

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 #001A49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001A49
}
```

Border

The CSS property to change the border of an element to Hex 001A49 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
#001A49 }
```

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

```
.border{ border-color:#001A49 }
```

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

Here you see how a box with a 4 pixel #001A49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001A49; -webkit-box-shadow:4px 4px  
4px 4px #001A49; box-shadow:4px 4px 4px  
4px #001A49 }
```

Background

The CSS property to change the background color of an element to Hex 001A49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001A49 }
```

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

```
.background{ background-color:#001A49 }
```

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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