

Converting Colors

Hex(001733)

Have a look what the booklet for
Hex(001733) contains.

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Color

Hex(001733)

Conversions

Conversions Part 1

Format	Color
Hex	001733
RGB	0, 23, 51
RGB Percent	0%, 9%, 20%
CMY	1.0000, 0.9098, 0.8000
CMYK	1.00, 0.55, 0.00, 0.80
HSL	213°, 100%, 10%
HSV	213°, 100%, 20%
XYZ	0.9039, 0.8518, 3.2487
YIQ	19.3150, -22.6960, 3.8320

Conversions

Conversions Part 2

Format	Color
RYB	0, 16, 51
Decimal	5939
CIELab	7.69, 3.80, -21.18
CIElCh	8, 21.518, 280.181
Yxy	0.8518, 0.1806, 0.1702
Android (android.graphics.Color)	4278196019 (0xFF001733)
YUV	19.3150, 15.6207, -16.9393
Hunter-Lab	9.2293, 1.3312, -14.4096

Details

The Hex color **001733** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **331C00**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **324162**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001733**, and if you desaturate by 10%, it is **051A33**.

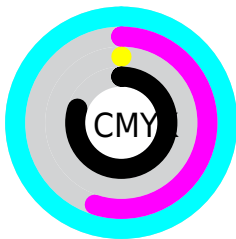
Distribution



- Red (0%)
- Green (9%)
- Blue (20%)



- Red (0%)
- Yellow (6%)
- Blue (20%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (80%)



- Cyan (100%)
- Magenta (91%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001733 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 001733 by changing the saturation by 10% instead.

001733

001733

EAF8FF

00021E

324162

000000

4A587B

637195

7C8AAF

97A4CB

B2BFE7

CEDBFF

001733

■ 051A33

■ 0A1D33

■ 0F1F33

■ 142233

■ 1A2533

■ 1F2833

■ 242B33

■ 292D33

■ 2E3033

Harmonies

Analogous

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



001B32



001733



1D112D

Triad

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



001733



2F0C00



001E09

Complementary

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



001733



331C00

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.



071C00



001733



261300

Square

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



001733



300812



1A1800



001F1B

Rectangle

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



001733



280C25



1A1800



001D01

Sweetspot

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



001733



2E3742



00331B



151B21



A1A1A1



212121

Same Dimension

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



001733



001E42



020033



17181A



002859



0062D9

Inverse Universe

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



330017



42001E



313300



1A1718



590028



D90062

Previews

White Background



This preview shows how the Hex color 001733 looks on a white background.

Color Contrast Check

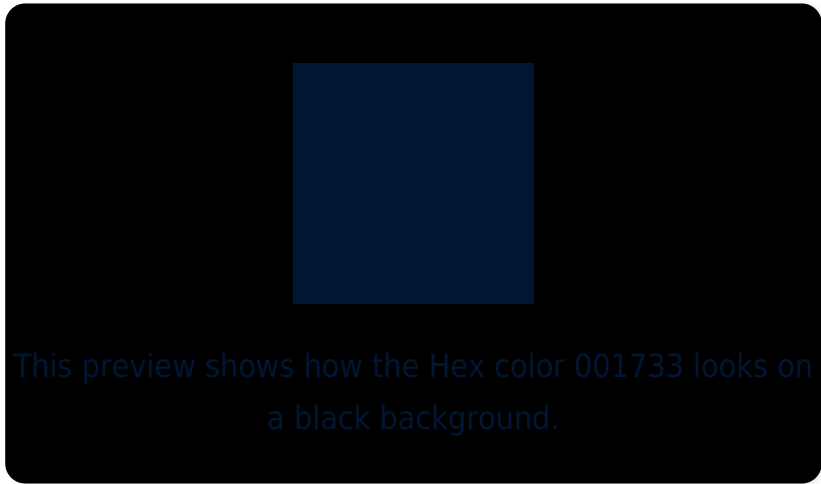
Large Text (above 18pt) WCAG AA ✓ Pass

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

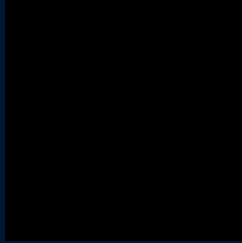
Any Text WCAG AA × Fail

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 001733 Background



This preview shows how black text looks on a background with the Hex color 001733.



This preview shows how white text looks on a background with the Hex color 001733.

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
001733

Protanopia
001732

Deuteranopia
00192B



Tritanopia
001B1D

Trichromacy



Original Color
001733

Protanomaly
001732

Deuteranomaly
00182E

Tritanomaly
001A25

Monochromacy



Original Color
001733

Achromatopsia
131313

Achromatomaly
0C141F

CSS Examples

Text

The CSS property to change the color of the text to Hex 001733 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 #001733 looks like.

```
.text, #text, p{  
    color:#001733  
}
```

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 #001733 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001733  
}
```

Border

The CSS property to change the border of an element to Hex 001733 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  
#001733 }
```

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

```
.border{ border-color:#001733 }
```

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

Here you see how a box with a 4 pixel #001733 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001733; -webkit-box-shadow:4px 4px  
4px 4px #001733; box-shadow:4px 4px 4px  
4px #001733 }
```

Background

The CSS property to change the background color of an element to Hex 001733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001733 }
```

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

```
.background{ background-color:#001733 }
```

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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