

Converting Colors

Hex(001133)

Have a look what the booklet for
Hex(001133) contains.

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Color

Hex(001133)

Conversions

Conversions Part 1

Format	Color
Hex	001133
RGB	0, 17, 51
RGB Percent	0%, 7%, 20%
CMY	1.0000, 0.9333, 0.8000
CMYK	1.00, 0.67, 0.00, 0.80
HSL	220°, 100%, 10%
HSV	220°, 100%, 20%
XYZ	0.7980, 0.6399, 3.2134
YIQ	15.7930, -21.0460, 6.9700

Conversions

Conversions Part 2

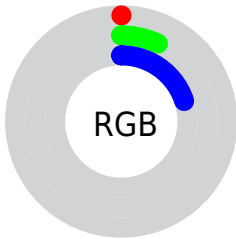
Format	Color
RYB	0, 13, 51
Decimal	4403
CIELab	5.78, 7.77, -24.25
CIELCh	6, 25.469, 287.771
Yxy	0.6399, 0.1716, 0.1376
Android (android.graphics.Color)	4278194483 (0xFF001133)
YUV	15.7930, 17.3571, -13.8505
Hunter-Lab	7.9995, 3.8073, -18.2175

Details

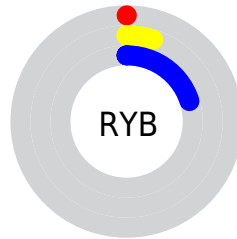
The Hex color **001133** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **332200**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **313B62**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001133**, and if you desaturate by 10%, it is **051433**.

Distribution



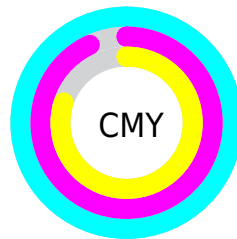
- Red (0%)
- Green (7%)
- Blue (20%)



- Red (0%)
- Yellow (5%)
- Blue (20%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (80%)



- Cyan (100%)
- Magenta (93%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001133 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 001133 by changing the saturation by 10% instead.

■ 001133

■ 001133

■ EAF0FF

■ 00021E

■ 313B62

■ 000000

■ 4A527B

■ 626A95

■ 7C83B0

■ 979DCB

■ B2B8E7

■ CED4FF

■ 001133

■ 051433

■ 0A1833

■ 0F1B33

■ 141F33

■ 1A2233

■ 1F2533

■ 242933

■ 292C33

■ 2E3033

Harmonies

Analogous

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



001734



001133



20082A

Triad

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



001133



2B0600



001D07

Complementary

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



001133



332200

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.



001A00



001133



200F00

Square

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



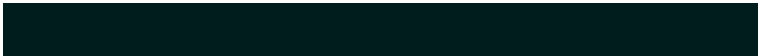
001133



300003



0C1600



001D1D

Rectangle

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



001133



2A0220



0C1600



001C00

Sweetspot

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



001133



2E3542



003322



151921



A1A1A1



212121

Same Dimension

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



001133



001642



080033



17181A



001E59



0048D9

Inverse Universe

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



330011



420016



2B3300



1A1718



59001E



D90048

Previews

White Background



This preview shows how the Hex color 001133 looks on a white background.

Color Contrast Check

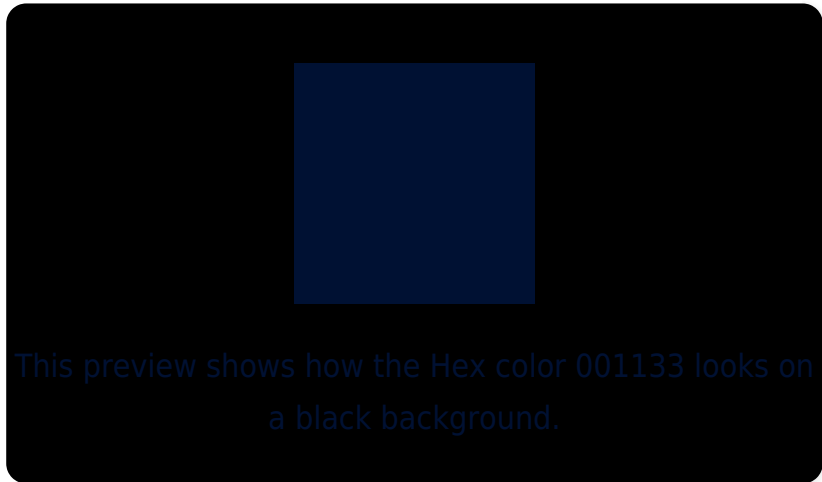
Large Text (above 18pt) WCAG AA ✓ Pass

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

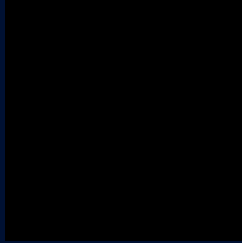
Any Text WCAG AA × Fail

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 001133 Background



This preview shows how black text looks on a background with the Hex color 001133.



This preview shows how white text looks on a background with the Hex color 001133.

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
001133

Protanopia
00142A

Deuteranopia
001524



Tritanopia
001718

Trichromacy



Original Color
001133

Protanomaly
00132D

Deuteranomaly
001429

Tritanomaly
001522

Monochromacy



Original Color
001133

Achromatopsia
101010

Achromatomaly
0A101D

CSS Examples

Text

The CSS property to change the color of the text to Hex 001133 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 #001133 looks like.

```
.text, #text, p{  
    color:#001133  
}
```

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 #001133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001133
}
```

Border

The CSS property to change the border of an element to Hex 001133 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
#001133 }
```

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

```
.border{ border-color:#001133 }
```

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

Here you see how a box with a 4 pixel #001133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001133; -webkit-box-shadow:4px 4px  
4px 4px #001133; box-shadow:4px 4px 4px  
4px #001133 }
```

Background

The CSS property to change the background color of an element to Hex 001133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001133 }
```

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

```
.background{ background-color:#001133 }
```

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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