

Converting Colors

Hex(001345)

Have a look what the booklet for
Hex(001345) contains.

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Color

Hex(001345)

Conversions

Conversions Part 1

Format	Color
Hex	001345
RGB	0, 19, 69
RGB Percent	0%, 7%, 27%
CMY	1.0000, 0.9255, 0.7294
CMYK	1.00, 0.72, 0.00, 0.73
HSL	223°, 100%, 14%
HSV	223°, 100%, 27%
XYZ	1.3071, 0.8954, 5.7342
YIQ	19.0190, -27.3740, 11.5220

Conversions

Conversions Part 2

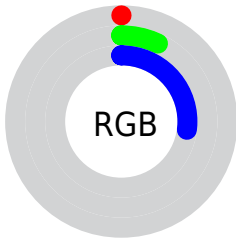
Format	Color
RYB	0, 15, 69
Decimal	4933
CIELab	8.09, 15.96, -33.44
CIELCh	8, 37.051, 295.521
Yxy	0.8954, 0.1647, 0.1128
Android (android.graphics.Color)	4278195013 (0xFF001345)
YUV	19.0190, 24.6406, -16.6797
Hunter-Lab	9.4626, 8.0961, -29.3047

Details

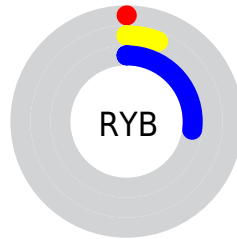
The Hex color **001345** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **453200**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **3A3D76**, and **000119** is the 20% darker color. If you saturate the color by 10%, you get **001345**, and if you desaturate by 10%, it is **071845**.

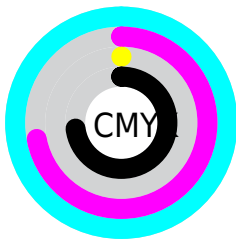
Distribution



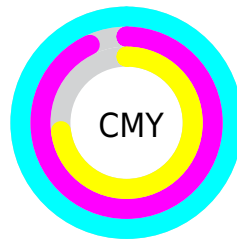
- Red (0%)
- Green (7%)
- Blue (27%)



- Red (0%)
- Yellow (6%)
- Blue (27%)



- Cyan (100%)
- Magenta (72%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (93%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001345 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 001345 by changing the saturation by 10% instead.

 001345

 001345

 F8F2FF

 00002E

 3A3D76

 000119

 535490

 000000

 6D6CAB

 8885C6

 A39FE2

 BEBAFF

 DBD6FF

 001345

■ 071845

■ 0E1D45

■ 152245

■ 1C2745

■ 232C45

■ 293145

■ 303645

■ 373B45

■ 3E4045

Harmonies

Analogous

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



001D4A



001345



300134

Triad

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



001345



340800



002313

Complementary

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



001345



453200

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.



002200



001345



221600

Square

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



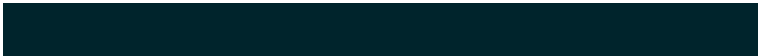
001345



3F0000



041D00



00242C

Rectangle

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



001345



3C0025



041D00



002305

Sweetspot

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



001345



3E4659



004531



1D222E



ADADAD



2E2E2E

Same Dimension

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



001345



001959



0F0045



202124



001B63



003EE3

Inverse Universe

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



450013



590019



364500



242021



63001B



E3003E

Previews

White Background



This preview shows how the Hex color 001345 looks on a white background.

Color Contrast Check

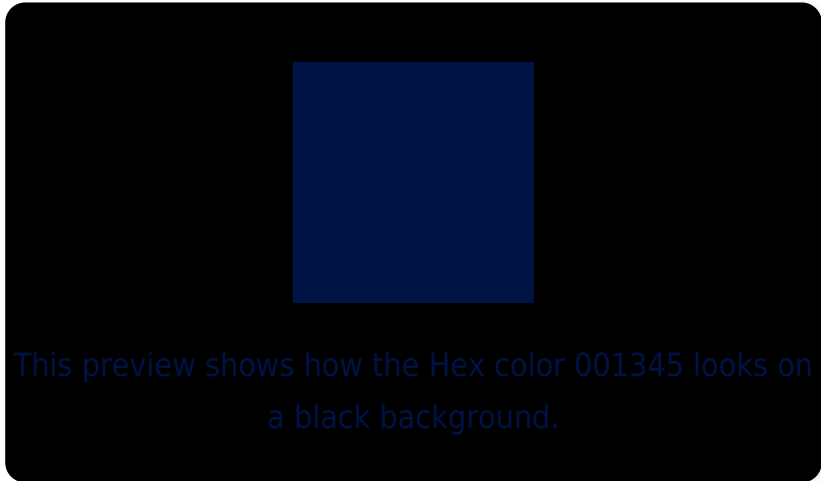
Large Text (above 18pt) WCAG AA ✓ Pass

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

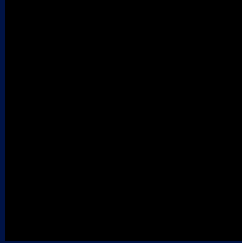
Any Text WCAG AA × Fail

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 001345 Background



This preview shows how black text looks on a background with the Hex color 001345.



This preview shows how white text looks on a background with the Hex color 001345.

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
001345

Protanopia
001934

Deuteranopia
001A2C



Tritanopia
001D1E

Trichromacy



Original Color
001345

Protanomaly
00173A

Deuteranomaly
001735

Tritanomaly
00192C

Monochromacy



Original Color
001345

Achromatopsia
131313

Achromatomaly
0C1325

CSS Examples

Text

The CSS property to change the color of the text to Hex 001345 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 #001345 looks like.

```
.text, #text, p{  
    color:#001345  
}
```

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 #001345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001345
}
```

Border

The CSS property to change the border of an element to Hex 001345 is called "border". The border property can be set on classes, ids or directly on the HTML element.

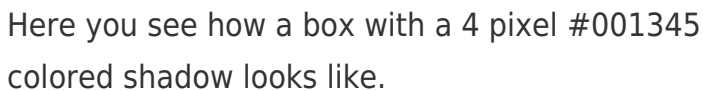
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001345 }
```

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

```
.border{ border-color:#001345 }
```

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



Here you see how a box with a 4 pixel #001345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001345; -webkit-box-shadow:4px 4px  
4px 4px #001345; box-shadow:4px 4px 4px  
4px #001345 }
```

Background

The CSS property to change the background color of an element to Hex 001345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001345 }
```

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

```
.background{ background-color:#001345 }
```

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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