

Converting Colors

Hex(001C45)

Have a look what the booklet for
Hex(001C45) contains.

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Color

Hex(001C45)

Conversions

Conversions Part 1

Format	Color
Hex	001C45
RGB	0, 28, 69
RGB Percent	0%, 11%, 27%
CMY	1.0000, 0.8902, 0.7294
CMYK	1.00, 0.59, 0.00, 0.73
HSL	216°, 100%, 14%
HSV	216°, 100%, 27%
XYZ	1.4894, 1.2602, 5.7950
YIQ	24.3020, -29.8490, 6.8150

Conversions

Conversions Part 2

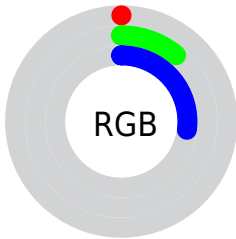
Format	Color
RYB	0, 20, 69
Decimal	7237
CIELab	10.99, 8.77, -28.69
CIElCh	11, 29.999, 286.993
Yxy	1.2602, 0.1743, 0.1475
Android (android.graphics.Color)	4278197317 (0xFF001C45)
YUV	24.3020, 22.0361, -21.3129
Hunter-Lab	11.2258, 4.0382, -22.7486

Details

The Hex color **001C45** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **452900**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **394776**, and **000119** is the 20% darker color. If you saturate the color by 10%, you get **001C45**, and if you desaturate by 10%, it is **072045**.

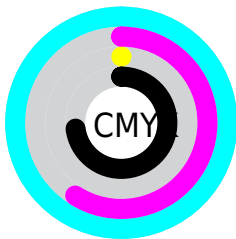
Distribution



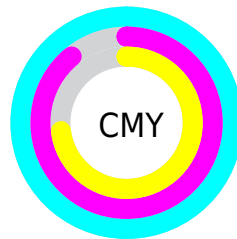
- Red (0%)
- Green (11%)
- Blue (27%)



- Red (0%)
- Yellow (8%)
- Blue (27%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (89%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001C45 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 001C45 by changing the saturation by 10% instead.

001C45

001C45

F6FFFF

00002F

394776

000119

525E90

000000

6C77AA

8691C6

A1ABE2

BDC6FF

D9E2FF

001C45

■ 072045

■ 0E2445

■ 152845

■ 1C2C45

■ 233145

■ 293545

■ 303945

■ 373D45

■ 3E4145

Harmonies

Analogous

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



002246



001C45



2C123A

Triad

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



001C45



3B0F00



002613

Complementary

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



001C45



452900

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.



032400



001C45



2D1900

Square

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



001C45



410512



1C2000



002729

Rectangle

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



001C45



39092E



1C2000



00260A

Sweetspot

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



001C45



3E4959



004528



1D242E



ADADAD



2E2E2E

Same Dimension

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



001C45



002459



060045



202224



002863



005CE3

Inverse Universe

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



45001C



590024



3F4500



242022



630028



E3005C

Previews

White Background



This preview shows how the Hex color 001C45 looks on a white background.

Color Contrast Check

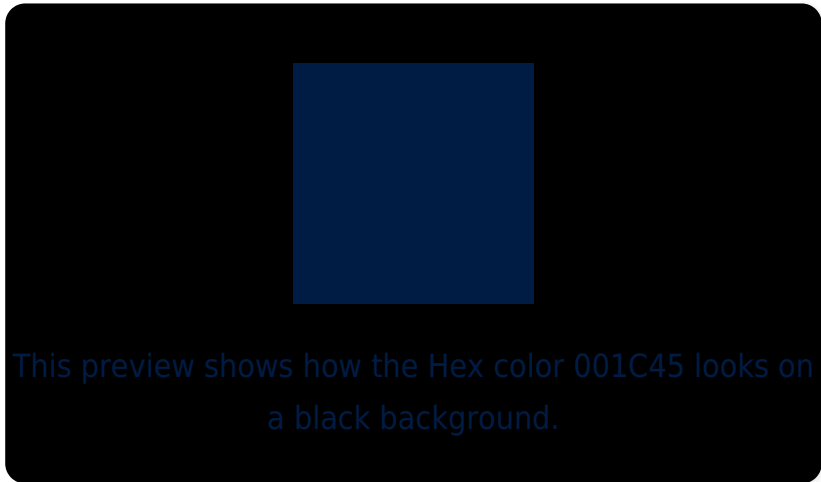
Large Text (above 18pt) WCAG AA ✓ Pass

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

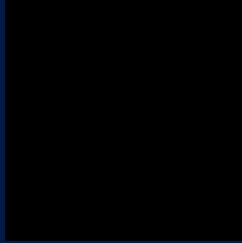
Any Text WCAG AA × Fail

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 001C45 Background



This preview shows how black text looks on a background with the Hex color 001C45.



This preview shows how white text looks on a background with the Hex color 001C45.

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
001C45

Protanopia
001E3F

Deuteranopia
002036

Trichromacy



Original Color
001C45

Protanomaly
001D41

Deuteranomaly
001F3B

Tritanomaly
002030

Monochromacy



Original Color
001C45

Achromatopsia
181818

Achromatomaly
0F1928

CSS Examples

Text

The CSS property to change the color of the text to Hex 001C45 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 #001C45 looks like.

```
.text, #text, p{  
    color:#001C45  
}
```

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 #001C45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001C45
}
```

Border

The CSS property to change the border of an element to Hex 001C45 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
#001C45 }
```

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

```
.border{ border-color:#001C45 }
```

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

Here you see how a box with a 4 pixel #001C45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001C45; -webkit-box-shadow:4px 4px  
4px 4px #001C45; box-shadow:4px 4px 4px  
4px #001C45 }
```

Background

The CSS property to change the background color of an element to Hex 001C45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001C45 }
```

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

```
.background{ background-color:#001C45 }
```

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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