

Converting Colors

Hex(001E33)

Have a look what the booklet for
Hex(001E33) contains.

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Color

Hex(001E33)

Conversions

Conversions Part 1

Format	Color
Hex	001E33
RGB	0, 30, 51
RGB Percent	0%, 12%, 20%
CMY	1.0000, 0.8824, 0.8000
CMYK	1.00, 0.41, 0.00, 0.80
HSL	205°, 100%, 10%
HSV	205°, 100%, 20%
XYZ	1.0618, 1.1676, 3.3014
YIQ	23.4240, -24.6210, 0.1710

Conversions

Conversions Part 2

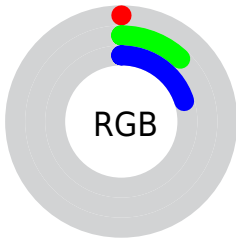
Format	Color
RYB	0, 19, 51
Decimal	7731
CIELab	10.32, -1.66, -16.99
CIELCh	10, 17.073, 264.431
Yxy	1.1676, 0.1920, 0.2111
Android (android.graphics.Color)	4278197811 (0xFF001E33)
YUV	23.4240, 13.5950, -20.5428
Hunter-Lab	10.8054, -1.3687, -10.5511

Details

The Hex color **001E33** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **331500**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **324962**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **001E33**, and if you desaturate by 10%, it is **052033**.

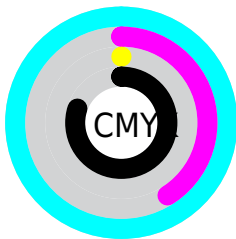
Distribution



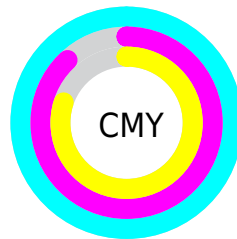
- Red (0%)
- Green (12%)
- Blue (20%)



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



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (80%)



- Cyan (100%)
- Magenta (88%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001E33 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 001E33 by changing the saturation by 10% instead.

■ 001E33

■ 001E33

■ EAFFFF

■ 00041E

■ 324962

■ 000001

■ 4A617A

■ 000000

■ 637A94

■ 7D94AF

■ 97AECA

■ B2CAE7

■ CEE6FF

■ 001E33

■ 052033

■ 0A2233

■ 0F2433

■ 142633

■ 1A2933

■ 1F2B33

■ 242D33

■ 292F33

■ 2E3133

Harmonies

Analogous

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



00212F



001E33



191A31

Triad

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



001E33



311313



0B210C

Complementary

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



001E33



331500

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.



1B1E00



001E33



2E1604

Square

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



001E33



30121F



261B00



002219

Rectangle

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



001E33



24172D



261B00



112007

Sweetspot

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



001E33



2E3A42



003314



151C21



A1A1A1



212121

Same Dimension

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



001E33



002742



000533



17181A



003559



0080D9

Inverse Universe

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



33001E



420027



332E00



1A1718



590034



D9007F

Previews

White Background



This preview shows how the Hex color 001E33 looks on a white background.

Color Contrast Check

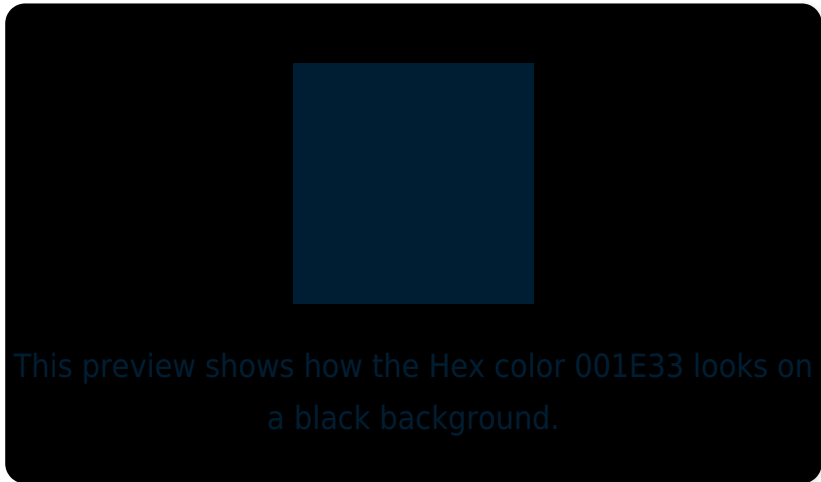
Large Text (above 18pt) WCAG AA ✓ Pass

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

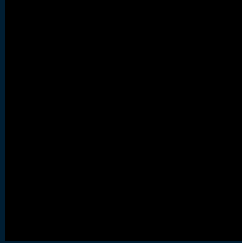
Any Text WCAG AA × Fail

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 001E33 Background



This preview shows how black text looks on a background with the Hex color 001E33.



This preview shows how white text looks on a background with the Hex color 001E33.

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
001E33

Protanopia
141C32

Deuteranopia
0B1E33

Trichromacy



Original Color
001E33

Protanomaly
0D1D32

Deuteranomaly
071E33

Tritanomaly
001F29

Monochromacy



Original Color
001E33

Achromatopsia
171717

Achromatomaly
0F1A21

CSS Examples

Text

The CSS property to change the color of the text to Hex 001E33 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 #001E33 looks like.

```
.text, #text, p{  
    color:#001E33  
}
```

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 #001E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001E33
}
```

Border

The CSS property to change the border of an element to Hex 001E33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

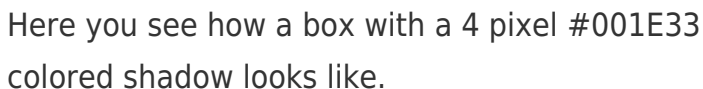
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001E33 }
```

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

```
.border{ border-color:#001E33 }
```

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



Here you see how a box with a 4 pixel #001E33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001E33; -webkit-box-shadow:4px 4px  
4px 4px #001E33; box-shadow:4px 4px 4px  
4px #001E33 }
```

Background

The CSS property to change the background color of an element to Hex 001E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001E33 }
```

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

```
.background{ background-color:#001E33 }
```

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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