

Converting Colors

Hex(001E2A)

Have a look what the booklet for
Hex(001E2A) contains.

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Color

Hex(001E2A)

Conversions

Conversions Part 1

Format	Color
Hex	001E2A
RGB	0, 30, 42
RGB Percent	0%, 12%, 16%
CMY	1.0000, 0.8824, 0.8353
CMYK	1.00, 0.29, 0.00, 0.84
HSL	197°, 100%, 8%
HSV	197°, 100%, 16%
XYZ	0.8822, 1.0957, 2.3555
YIQ	22.3980, -21.7320, -2.6280

Conversions

Conversions Part 2

Format	Color
RYB	0, 18, 42
Decimal	7722
CIELab	9.76, -5.98, -11.31
CIELCh	10, 12.788, 242.138
Yxy	1.0957, 0.2036, 0.2529
Android (android.graphics.Color)	4278197802 (0xFF001E2A)
YUV	22.3980, 9.6638, -19.6430
Hunter-Lab	10.4676, -3.2747, -6.0144

Details

The Hex color **001E2A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2A0C00**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **2F4A57**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001E2A**, and if you desaturate by 10%, it is **041F2A**.

Distribution



- Red (0%)
- Green (12%)
- Blue (16%)



- Red (0%)
- Yellow (7%)
- Blue (16%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (84%)



- Cyan (100%)
- Magenta (88%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001E2A 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 001E2A by changing the saturation by 10% instead.

 001E2A

 001E2A

 E6FFFF

 000116

 2F4A57

 000000

 476170

 5F7A89

 7994A3

 93AFBF

 AECADA

 C9E6F7

 001E2A

■ 041F2A

■ 08202A

■ 0D222A

■ 11232A

■ 15242A

■ 19252A

■ 1D262A

■ 22282A

■ 26292A

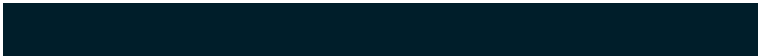
Harmonies

Analogous

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



001F24



001E2A



0F1C2C

Triad

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



001E2A



2B141B



181D09

Complementary

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



001E2A



2A0C00

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.



211B04



001E2A



2B1512

Square

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



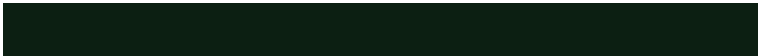
001E2A



261623



271808



0C1F12

Rectangle

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



001E2A



181A2B



271808



1B1C06

Sweetspot

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



001E2A



253136



002A0C



12191C



9C9C9C



1C1C1C

Same Dimension

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



001E2A



002636



00092A



121414



003C54



0097D4

Inverse Universe

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



2A001E



360026



2A2100



141214



54003C



D40097

Previews

White Background



This preview shows how the Hex color 001E2A looks on a white background.

Color Contrast Check

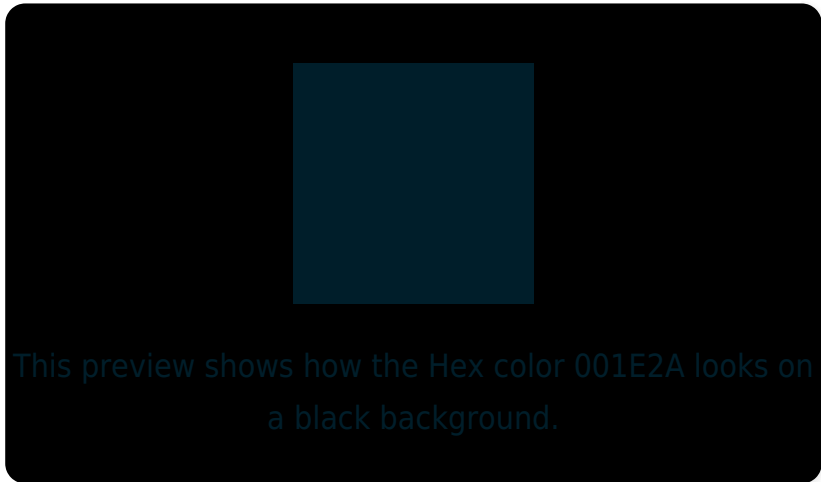
Large Text (above 18pt) WCAG AA ✓ Pass

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

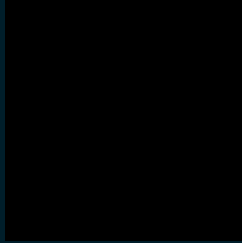
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

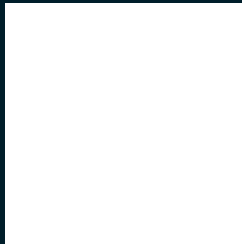
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 001E2A Background



This preview shows how black text looks on a background with the Hex color 001E2A.



This preview shows how white text looks on a background with the Hex color 001E2A.

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
001E2A

Protanopia
181C28

Deuteranopia
151C2B



Tritanopia
001F21

Trichromacy



Original Color

001E2A

Protanomaly

0F1D29

Deuteranomaly

0D1D2B

Tritanomaly

001F24

Monochromacy



Original Color

001E2A

Achromatopsia

161616

Achromatomaly

0E191D

CSS Examples

Text

The CSS property to change the color of the text to Hex 001E2A 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 #001E2A looks like.

```
.text, #text, p{  
    color:#001E2A  
}
```

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 #001E2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001E2A
}
```

Border

The CSS property to change the border of an element to Hex 001E2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

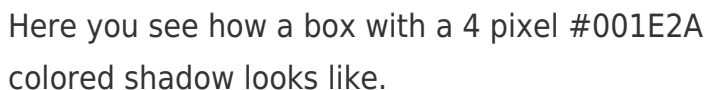
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001E2A }
```

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

```
.border{ border-color:#001E2A }
```

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



Here you see how a box with a 4 pixel #001E2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001E2A; -webkit-box-shadow:4px 4px  
4px 4px #001E2A; box-shadow:4px 4px 4px  
4px #001E2A }
```

Background

The CSS property to change the background color of an element to Hex 001E2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001E2A }
```

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

```
.background{ background-color:#001E2A }
```

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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