

Converting Colors

Hex(001E3D)

Have a look what the booklet for
Hex(001E3D) contains.

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Color

Hex(001E3D)

Conversions

Conversions Part 1

Format	Color
Hex	001E3D
RGB	0, 30, 61
RGB Percent	0%, 12%, 24%
CMY	1.0000, 0.8824, 0.7608
CMYK	1.00, 0.51, 0.00, 0.76
HSL	210°, 100%, 12%
HSV	210°, 100%, 24%
XYZ	1.3066, 1.2655, 4.5903
YIQ	24.5640, -27.8310, 3.2810

Conversions

Conversions Part 2

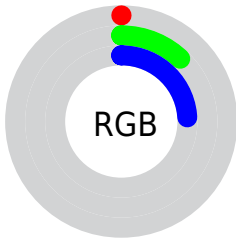
Format	Color
RYB	0, 20, 61
Decimal	7741
CIELab	11.03, 3.26, -23.00
CIELCh	11, 23.231, 278.065
Yxy	1.2655, 0.1824, 0.1767
Android (android.graphics.Color)	4278197821 (0xFF001E3D)
YUV	24.5640, 17.9629, -21.5426
Hunter-Lab	11.2493, 1.0460, -16.3187

Details

The Hex color **001E3D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **3D1F00**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **36496D**, and **000111** is the 20% darker color. If you saturate the color by 10%, you get **001E3D**, and if you desaturate by 10%, it is **06213D**.

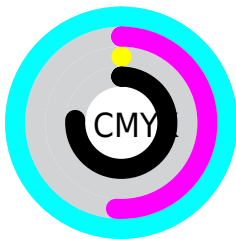
Distribution



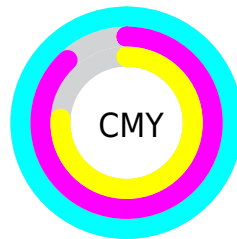
- Red (0%)
- Green (12%)
- Blue (24%)



- Red (0%)
- Yellow (8%)
- Blue (24%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (76%)



- Cyan (100%)
- Magenta (88%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001E3D 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 001E3D by changing the saturation by 10% instead.

 001E3D

 001E3D

 F0FFFF

 000427

 36496D

 000111

 4E6186

 000000

 687AA1

 8293BC

 9CAED7

 B8C9F4

 D4E5FF

 001E3D

■ 06213D

■ 0C243D

■ 12273D

■ 182A3D

■ 1F2E3D

■ 25313D

■ 2B343D

■ 31373D

■ 373A3D

Harmonies

Analogous

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



00223B



001E3D



231737

Triad

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



001E3D



381206



002411

Complementary

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



001E3D



3D1F00

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.



132200



001E3D



2F1800

Square

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



001E3D



3A0D1A



221E00



002521

Rectangle

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



001E3D



2F122F



221E00



012409

Sweetspot

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



001E3D



37434F



003D1F



1A2129



A8A8A8



292929

Same Dimension

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



001E3D



00274F



00003D



1C1D1F



002E5E



006DDE

Inverse Universe

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



3D001E



4F0027



3D3D00



1F1C1D



5E002E



DE006D

Previews

White Background



This preview shows how the Hex color 001E3D looks on a white background.

Color Contrast Check

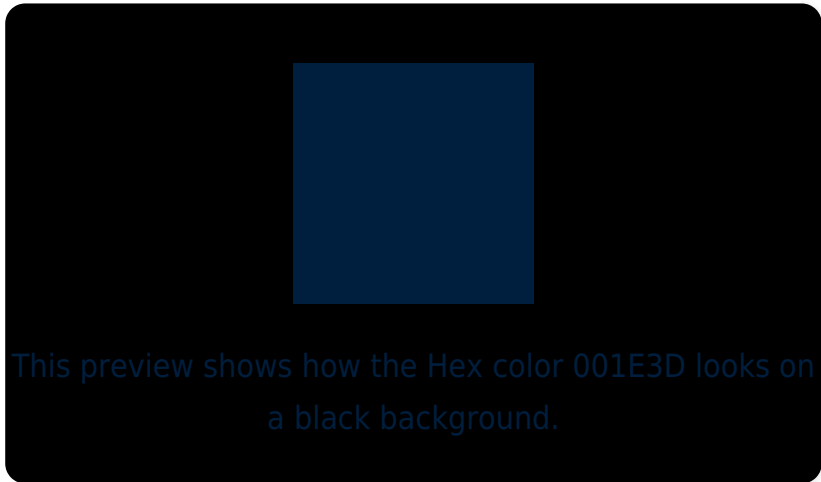
Large Text (above 18pt) WCAG AA ✓ Pass

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

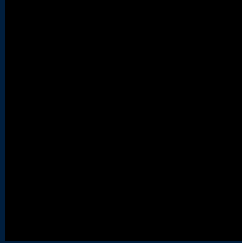
Any Text WCAG AA × Fail

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 001E3D Background



This preview shows how black text looks on a background with the Hex color 001E3D.



This preview shows how white text looks on a background with the Hex color 001E3D.

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
001E3D

Protanopia
0B1E3D

Deuteranopia
001F37

Trichromacy



Original Color

001E3D

Protanomaly

071E3D

Deuteranomaly

001F39

Tritanomaly

00212D

Monochromacy



Original Color

001E3D

Achromatopsia

191919

Achromatomaly

101B26

CSS Examples

Text

The CSS property to change the color of the text to Hex 001E3D 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 #001E3D looks like.

```
.text, #text, p{  
    color:#001E3D  
}
```

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 #001E3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001E3D
}
```

Border

The CSS property to change the border of an element to Hex 001E3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

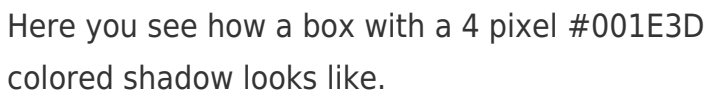
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001E3D }
```

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

```
.border{ border-color:#001E3D }
```

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



Here you see how a box with a 4 pixel #001E3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001E3D; -webkit-box-shadow:4px 4px  
4px 4px #001E3D; box-shadow:4px 4px 4px  
4px #001E3D }
```

Background

The CSS property to change the background color of an element to Hex 001E3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001E3D }
```

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

```
.background{ background-color:#001E3D }
```

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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