

Converting Colors

Hex(001E48)

Have a look what the booklet for
Hex(001E48) contains.

Hex(001E48)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(001E48)

Conversions

Conversions Part 1

Format	Color
Hex	001E48
RGB	0, 30, 72
RGB Percent	0%, 12%, 28%
CMY	1.0000, 0.8824, 0.7176
CMYK	1.00, 0.58, 0.00, 0.72
HSL	215°, 100%, 14%
HSV	215°, 100%, 28%
XYZ	1.6340, 1.3964, 6.3143
YIQ	25.8180, -31.3620, 6.7020

Conversions

Conversions Part 2

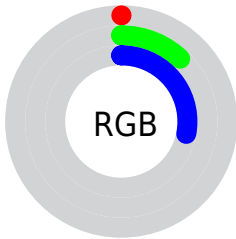
Format	Color
RYB	0, 21, 72
Decimal	7752
CIELab	11.93, 8.64, -29.25
CIELCh	12, 30.501, 286.455
Yxy	1.3964, 0.1749, 0.1494
Android (android.graphics.Color)	4278197832 (0xFF001E48)
YUV	25.8180, 22.7677, -22.6424
Hunter-Lab	11.8170, 4.0018, -23.4090

Details

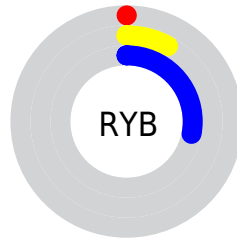
The Hex color **001E48** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **482A00**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **3A4979**, and **00011C** is the 20% darker color. If you saturate the color by 10%, you get **001E48**, and if you desaturate by 10%, it is **072248**.

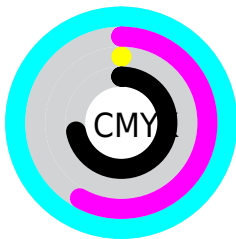
Distribution



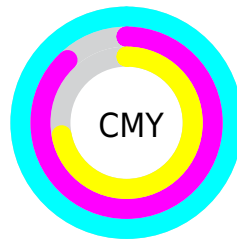
- Red (0%)
- Green (12%)
- Blue (28%)



- Red (0%)
- Yellow (8%)
- Blue (28%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (72%)



- Cyan (100%)
- Magenta (88%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001E48 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 001E48 by changing the saturation by 10% instead.

■ 001E48

■ 001E48

■ F8FFFF

■ 000431

■ 3A4979

■ 00011C

■ 536193

■ 000000

■ 6D79AE

■ 8893C9

■ A3AEE5

■ BEC9FF

■ DBE5FF

■ 001E48

■ 072248

■ 0E2648

■ 162B48

■ 1D2F48

■ 243348

■ 2B3748

■ 323B48

■ 3A4048

■ 414448

Harmonies

Analogous

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



002548



001E48



2E133D

Triad

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



001E48



3E1000



002815

Complementary

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



001E48



482A00

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.



062600



001E48



301B00

Square

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



001E48



440615



1E2200



00292B

Rectangle

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



001E48



3B0B31



1E2200



00280C

Sweetspot

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



001E48



424E5E



00482A



1F2630



B0B0B0



303030

Same Dimension

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



001E48



00275E



060048



202224



002963



005FE3

Inverse Universe

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



48001E



5E0027



424800



242022



630029



E3005F

Previews

White Background



This preview shows how the Hex color 001E48 looks on a white background.

Color Contrast Check

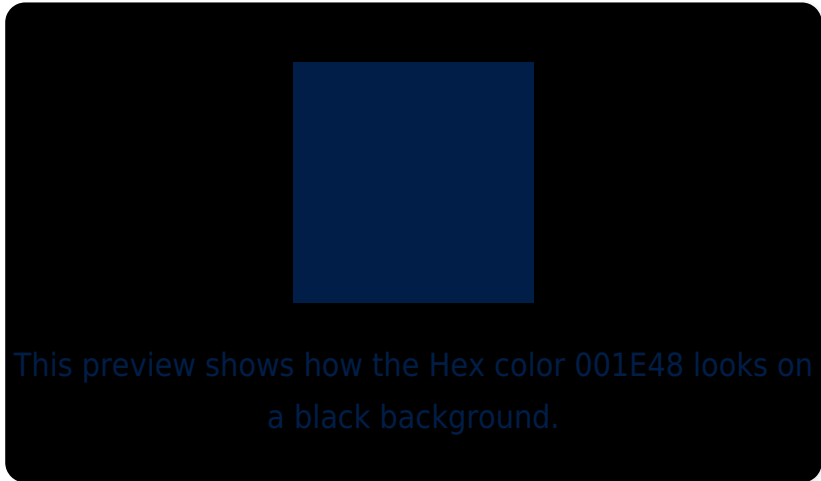
Large Text (above 18pt) WCAG AA ✓ Pass

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 001E48 Background



This preview shows how black text looks on a background with the Hex color 001E48.



This preview shows how white text looks on a background with the Hex color 001E48.

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
001E48

Protanopia
001F43

Deuteranopia
002139

Trichromacy



Original Color

001E48

Protanomaly

001F45

Deuteranomaly

00203E

Tritanomaly

002232

Monochromacy



Original Color

001E48

Achromatopsia

1A1A1A

Achromatomaly

111B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 001E48 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 #001E48 looks like.

```
.text, #text, p{  
    color:#001E48  
}
```

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 #001E48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001E48
}
```

Border

The CSS property to change the border of an element to Hex 001E48 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
#001E48 }
```

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

```
.border{ border-color:#001E48 }
```

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

Here you see how a box with a 4 pixel #001E48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001E48; -webkit-box-shadow:4px 4px  
4px 4px #001E48; box-shadow:4px 4px 4px  
4px #001E48 }
```

Background

The CSS property to change the background color of an element to Hex 001E48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001E48 }
```

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

```
.background{ background-color:#001E48 }
```

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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