

Converting Colors

Hex(001E42)

Have a look what the booklet for
Hex(001E42) contains.

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Color

Hex(001E42)

Conversions

Conversions Part 1

Format	Color
Hex	001E42
RGB	0, 30, 66
RGB Percent	0%, 12%, 26%
CMY	1.0000, 0.8824, 0.7412
CMYK	1.00, 0.55, 0.00, 0.74
HSL	213°, 100%, 13%
HSV	213°, 100%, 26%
XYZ	1.4476, 1.3219, 5.3331
YIQ	25.1340, -29.4360, 4.8360

Conversions

Conversions Part 2

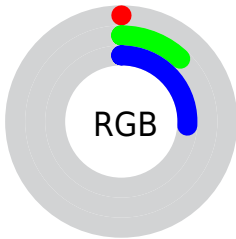
Format	Color
RYB	0, 21, 66
Decimal	7746
CIELab	11.43, 5.72, -25.89
CIELCh	11, 26.511, 282.453
Yxy	1.3219, 0.1787, 0.1631
Android (android.graphics.Color)	4278197826 (0xFF001E42)
YUV	25.1340, 20.1469, -22.0425
Hunter-Lab	11.4974, 2.3547, -19.4538

Details

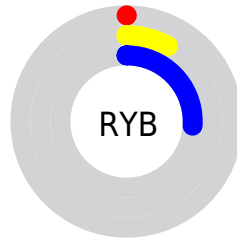
The Hex color **001E42** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **422400**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **384972**, and **000116** is the 20% darker color. If you saturate the color by 10%, you get **001E42**, and if you desaturate by 10%, it is **072242**.

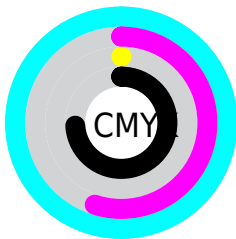
Distribution



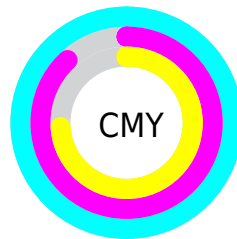
- Red (0%)
- Green (12%)
- Blue (26%)



- Red (0%)
- Yellow (8%)
- Blue (26%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (74%)



- Cyan (100%)
- Magenta (88%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001E42 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 001E42 by changing the saturation by 10% instead.

 001E42


 001E42

 F4FFFF

 00042C

 384972

 000116

 51618C

 000000

 6A79A7

 8493C2

 9FAEDE

 BBC9FA

 D7E5FF

 001E42

■ 072242

■ 0D2542

■ 142942

■ 1A2C42

■ 213042

■ 283442

■ 2E3742

■ 353B42

■ 3B3E42

Harmonies

Analogous

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



002341



001E42



281639

Triad

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



001E42



3B1100



002613

Complementary

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



001E42



422400

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.



0E2400



001E42



301900

Square

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



001E42



3E0A18



202000



002726

Rectangle

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



001E42



35102F



202000



00250A

Sweetspot

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



001E42



3D4957



004223



1C232B



ABABAB



2B2B2B

Same Dimension

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



001E42



002757



020042



1E1F21



002C61



0066E0

Inverse Universe

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



42001E



570027



404200



211E1F



61002C



E00066

Previews

White Background



This preview shows how the Hex color 001E42 looks on a white background.

Color Contrast Check

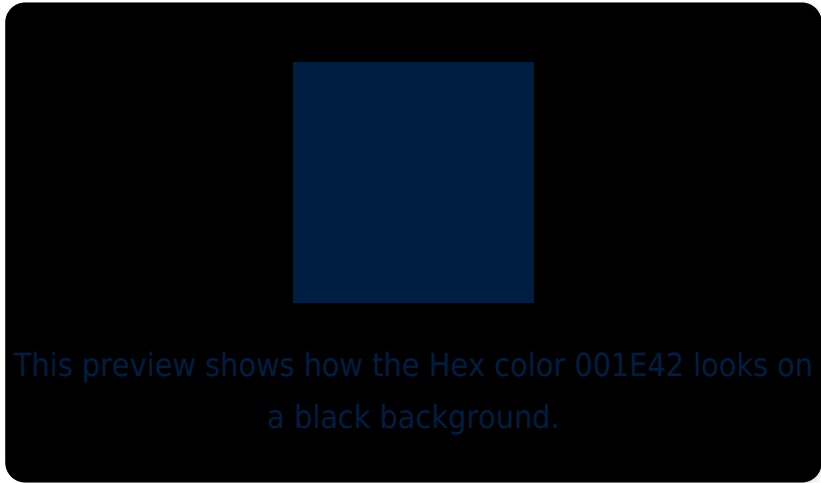
Large Text (above 18pt) WCAG AA ✓ Pass

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

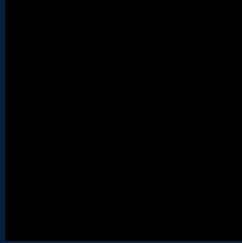
Any Text WCAG AA × Fail

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 001E42 Background



This preview shows how black text looks on a background with the Hex color 001E42.



This preview shows how white text looks on a background with the Hex color 001E42.

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

001E42

Protanopia

001E41

Deuteranopia

002038

Trichromacy



Original Color

001E42

Protanomaly

001E41

Deuteranomaly

001F3C

Tritanomaly

002130

Monochromacy



Original Color

001E42

Achromatopsia

191919

Achromatomaly

101B28

CSS Examples

Text

The CSS property to change the color of the text to Hex 001E42 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 #001E42 looks like.

```
.text, #text, p{  
    color:#001E42  
}
```

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 #001E42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001E42
}
```

Border

The CSS property to change the border of an element to Hex 001E42 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
#001E42 }
```

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

```
.border{ border-color:#001E42 }
```

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

Here you see how a box with a 4 pixel #001E42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001E42; -webkit-box-shadow:4px 4px  
4px 4px #001E42; box-shadow:4px 4px 4px  
4px #001E42 }
```

Background

The CSS property to change the background color of an element to Hex 001E42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001E42 }
```

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

```
.background{ background-color:#001E42 }
```

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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