

Converting Colors

Hex(001E5B)

Have a look what the booklet for
Hex(001E5B) contains.

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Color

Hex(001E5B)

Conversions

Conversions Part 1

Format	Color
Hex	001E5B
RGB	0, 30, 91
RGB Percent	0%, 12%, 36%
CMY	1.0000, 0.8824, 0.6431
CMYK	1.00, 0.67, 0.00, 0.64
HSL	220°, 100%, 18%
HSV	220°, 100%, 36%
XYZ	2.3526, 1.6839, 10.0986
YIQ	27.9840, -37.4610, 12.6110

Conversions

Conversions Part 2

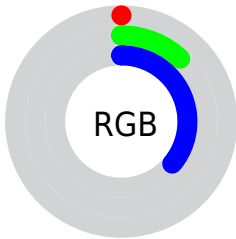
Format	Color
RYB	0, 23, 91
Decimal	7771
CIELab	13.73, 17.56, -39.27
CIElCh	14, 43.015, 294.093
Yxy	1.6839, 0.1664, 0.1191
Android (android.graphics.Color)	4278197851 (0xFF001E5B)
YUV	27.9840, 31.0669, -24.5420
Hunter-Lab	12.9764, 9.6529, -37.0573

Details

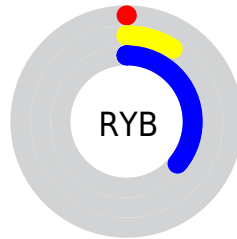
The Hex color **001E5B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5B3D00**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **41498E**, and **00032C** is the 20% darker color. If you saturate the color by 10%, you get **001E5B**, and if you desaturate by 10%, it is **09245B**.

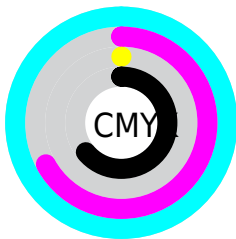
Distribution



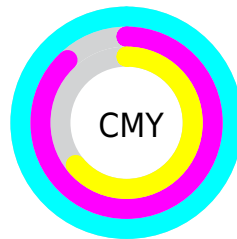
- Red (0%)
- Green (12%)
- Blue (36%)



- Red (0%)
- Yellow (9%)
- Blue (36%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (88%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001E5B 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 001E5B by changing the saturation by 10% instead.

■ 001E5B

■ 001E5B

FFFFFF

■ 000743

■ 41498E

■ 00032C

■ 5C61A9

■ 000116

■ 777AC4

■ 000000

■ 9293E0

■ AEAefd

■ CAC9FF

■ E7E5FF

■ 001E5B

■ 09245B

■ 122A5B

■ 1B305B

■ 24365B

■ 2E3D5B

■ 37435B

■ 40495B

■ 494F5B

■ 52555B

Harmonies

Analogous

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



002960



001E5B



3F0747

Triad

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



001E5B



471000



002F1C

Complementary

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



001E5B



5B3D00

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.



002D00



001E5B



322000

Square

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



001E5B



54000A



152800



002F3B

Rectangle

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



001E5B



4E0034



152800



002E11

Sweetspot

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



001E5B



525E75



005B3D



262C3B



BABABA



3B3B3B

Same Dimension

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



001E5B



002775



0F005B



292B2E



00246E



004EED

Inverse Universe

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



5B001E



750027



4C5B00



2E292B



6E0024



ED004E

Previews

White Background



This preview shows how the Hex color 001E5B looks on a white background.

Color Contrast Check

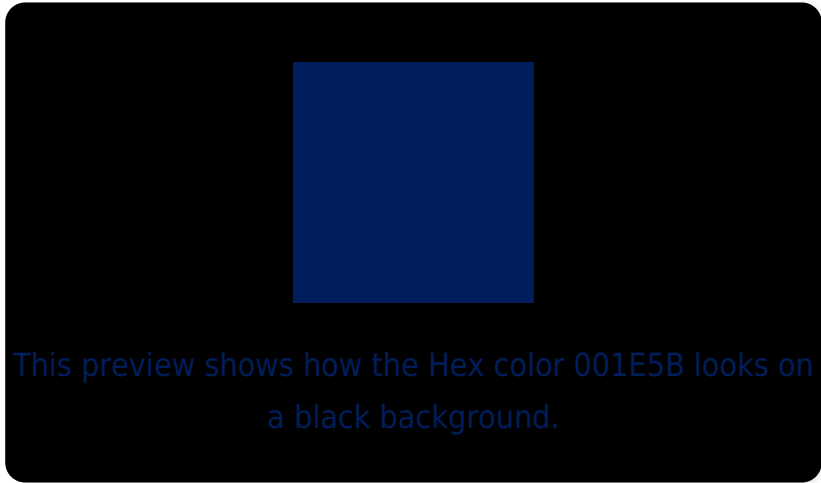
Large Text (above 18pt) WCAG AA ✓ Pass

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

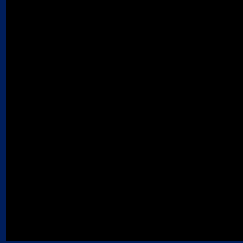
Any Text WCAG AA × Fail

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 001E5B Background



This preview shows how black text looks on a background with the Hex color 001E5B.



This preview shows how white text looks on a background with the Hex color 001E5B.

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

001E5B

Protanopia

00234A

Deuteranopia

00263F



Tritanopia
00292B

Trichromacy



Original Color
001E5B

Protanomaly
002150

Deuteranomaly
002349

Tritanomaly
00253C

Monochromacy



Original Color
001E5B

Achromatopsia
1C1C1C

Achromatomaly
121D33

CSS Examples

Text

The CSS property to change the color of the text to Hex 001E5B 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 #001E5B looks like.

```
.text, #text, p{  
    color:#001E5B  
}
```

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 #001E5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001E5B
}
```

Border

The CSS property to change the border of an element to Hex 001E5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

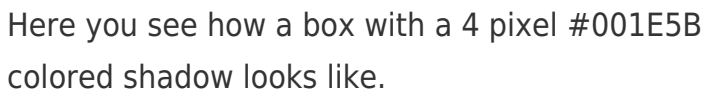
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001E5B }
```

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

```
.border{ border-color:#001E5B }
```

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



Here you see how a box with a 4 pixel #001E5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001E5B; -webkit-box-shadow:4px 4px  
4px 4px #001E5B; box-shadow:4px 4px 4px  
4px #001E5B }
```

Background

The CSS property to change the background color of an element to Hex 001E5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001E5B }
```

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

```
.background{ background-color:#001E5B }
```

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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