

Converting Colors

Hex(002E5B)

Have a look what the booklet for
Hex(002E5B) contains.

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Color

Hex(002E5B)

Conversions

Conversions Part 1

Format	Color
Hex	002E5B
RGB	0, 46, 91
RGB Percent	0%, 18%, 36%
CMY	1.0000, 0.8196, 0.6431
CMYK	1.00, 0.49, 0.00, 0.64
HSL	210°, 100%, 18%
HSV	210°, 100%, 36%
XYZ	2.8653, 2.7093, 10.2695
YIQ	37.3760, -41.8610, 4.2430

Conversions

Conversions Part 2

Format	Color
RYB	0, 31, 91
Decimal	11867
CIELab	18.84, 5.44, -30.97
CIELCh	19, 31.444, 279.965
Yxy	2.7093, 0.1808, 0.1710
Android (android.graphics.Color)	4278201947 (0xFF002E5B)
YUV	37.3760, 26.4366, -32.7788
Hunter-Lab	16.4600, 2.2679, -25.4692

Details

The Hex color **002E5B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5B2D00**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **405B8E**, and **00032D** is the 20% darker color. If you saturate the color by 10%, you get **002E5B**, and if you desaturate by 10%, it is **09335B**.

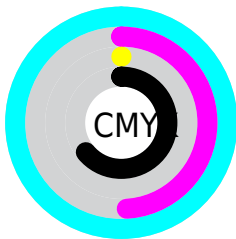
Distribution



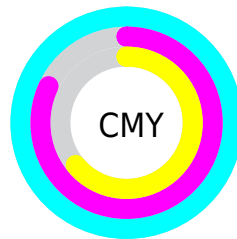
- Red (0%)
- Green (18%)
- Blue (36%)



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



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (82%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002E5B 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 002E5B by changing the saturation by 10% instead.

■ 002E5B

■ 002E5B

FFFFFF

■ 001A43

■ 405B8E

■ 00032D

■ 5B74A8

■ 000117

■ 758DC4

■ 000000

■ 90A7E0

■ ACC3FC

■ C8DEFF

■ E5FBFF

■ 002E5B

■ 09335B

■ 12375B

■ 1B3C5B

■ 24405B

■ 2E455B

■ 37495B

■ 404E5B

■ 49525B

■ 52575B

Harmonies

Analogous

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



003459



002E5B



382451

Triad

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



002E5B



521D11



00371D

Complementary

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



002E5B



5B2D00

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.



193405



002E5B



452700

Square

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



002E5B



561627



332F00



003835

Rectangle

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



002E5B



491D45



332F00



003716

Sweetspot

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



002E5B



526475



005B2C



26303B



BABABA



3B3B3B

Same Dimension

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



002E5B



003B75



00025B



292C2E



00376E



0078ED

Inverse Universe

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



5B002E



75003B



5B5900



2E292C



6E0037



ED0078

Previews

White Background



This preview shows how the Hex color 002E5B looks on a white background.

Color Contrast Check

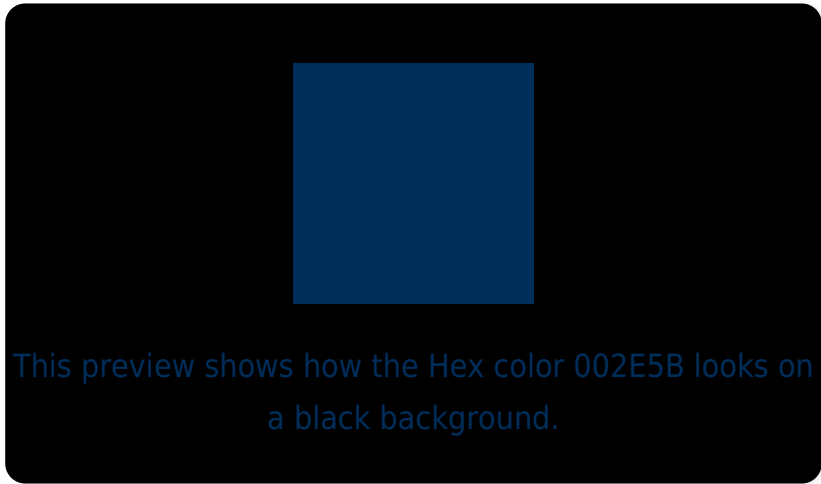
Large Text (above 18pt) WCAG AA ✓ Pass

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

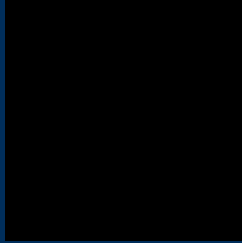
Any Text WCAG AA × Fail

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 002E5B Background



This preview shows how black text looks on a background with the Hex color 002E5B.



This preview shows how white text looks on a background with the Hex color 002E5B.

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
002E5B

Protanopia
142D5A

Deuteranopia
003053

Trichromacy



Original Color
002E5B

Protanomaly
0D2D5A

Deuteranomaly
002F56

Tritanomaly
003244

Monochromacy



Original Color
002E5B

Achromatopsia
252525

Achromatomaly
182839

CSS Examples

Text

The CSS property to change the color of the text to Hex 002E5B 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 #002E5B looks like.

```
.text, #text, p{  
    color:#002E5B  
}
```

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 #002E5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002E5B
}
```

Border

The CSS property to change the border of an element to Hex 002E5B 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
#002E5B }
```

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

```
.border{ border-color:#002E5B }
```

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

Here you see how a box with a 4 pixel #002E5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002E5B; -webkit-box-shadow:4px 4px  
4px 4px #002E5B; box-shadow:4px 4px 4px  
4px #002E5B }
```

Background

The CSS property to change the background color of an element to Hex 002E5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002E5B }
```

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

```
.background{ background-color:#002E5B }
```

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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