

Converting Colors

Hex(00293E)

Have a look what the booklet for
Hex(00293E) contains.

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Color

Hex(00293E)

Conversions

Conversions Part 1

Format	Color
Hex	00293E
RGB	0, 41, 62
RGB Percent	0%, 16%, 24%
CMY	1.0000, 0.8392, 0.7569
CMYK	1.00, 0.34, 0.00, 0.76
HSL	200°, 100%, 12%
HSV	200°, 100%, 24%
XYZ	1.6624, 1.9337, 4.8430
YIQ	31.1350, -31.1770, -2.1610

Conversions

Conversions Part 2

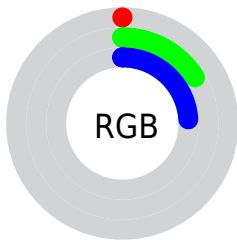
Format	Color
RYB	0, 25, 62
Decimal	10558
CIELab	15.14, -4.41, -17.18
CIELCh	15, 17.739, 255.590
Yxy	1.9337, 0.1970, 0.2291
Android (android.graphics.Color)	4278200638 (0xFF00293E)
YUV	31.1350, 15.2164, -27.3054
Hunter-Lab	13.9057, -2.9950, -10.9155

Details

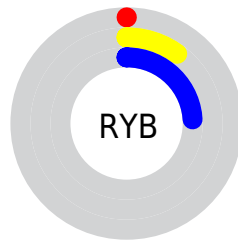
The Hex color **00293E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3E1500**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **36566E**, and **000113** is the 20% darker color. If you saturate the color by 10%, you get **00293E**, and if you desaturate by 10%, it is **062B3E**.

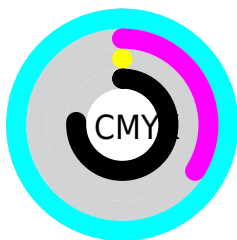
Distribution



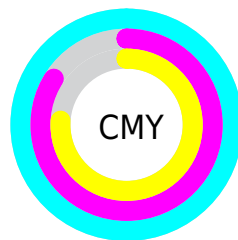
- Red (0%)
- Green (16%)
- Blue (24%)



- Red (0%)
- Yellow (10%)
- Blue (24%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (76%)



- Cyan (100%)
- Magenta (84%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00293E 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 00293E by changing the saturation by 10% instead.

 00293E

 00293E

 F2FFFF

 001528

 36566E

 000113

 4F6E87

 000000

 6988A1

 83A2BC

 9DBDD8

 B9D9F5

 D5F5FF

 00293E

■ 062B3E

■ 0C2D3E

■ 132F3E

■ 19313E

■ 1F333E

■ 25363E

■ 2B383E

■ 323A3E

■ 383C3E

Harmonies

Analogous

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



002B37



00293E



1D253E

Triad

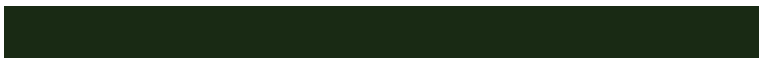
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00293E



3E1C20



192A14

Complementary

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



00293E



3E1500

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.



27270C



00293E



3B1F15

Square

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



00293E



3A1C2D



33230C



052C1F

Rectangle

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



00293E



2A223A



33230C



1E2911

Sweetspot

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



00293E



394952



003E15



1A2429



A8A8A8



292929

Same Dimension

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



00293E



003652



000A3E



1C1E1F



003E5E



0093DE

Inverse Universe

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



3E0029



520036



3E3400



1F1C1E



5E003E



DE0093

Previews

White Background



This preview shows how the Hex color 00293E looks on a white background.

Color Contrast Check

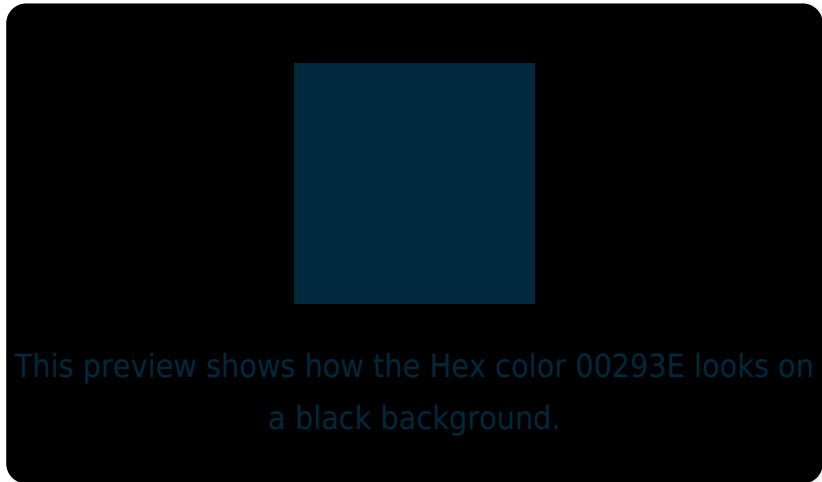
Large Text (above 18pt) WCAG AA ✓ Pass

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

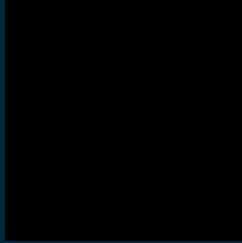
Any Text WCAG AA × Fail

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 00293E Background



This preview shows how black text looks on a background with the Hex color 00293E.



This preview shows how white text looks on a background with the Hex color 00293E.

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
00293E

Protanopia
1F263B

Deuteranopia
19273F



Tritanopia
002B2E

Trichromacy



Original Color
00293E

Protanomaly
14273C

Deuteranomaly
10283F

Tritanomaly
002A34

Monochromacy



Original Color
00293E

Achromatopsia
1F1F1F

Achromatomaly
14232A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00293E 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 #00293E looks like.

```
.text, #text, p{  
    color:#00293E  
}
```

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 #00293E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00293E
}
```

Border

The CSS property to change the border of an element to Hex 00293E 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
#00293E }
```

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

```
.border{ border-color:#00293E }
```

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

Here you see how a box with a 4 pixel #00293E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00293E; -webkit-box-shadow:4px 4px  
4px 4px #00293E; box-shadow:4px 4px 4px  
4px #00293E }
```

Background

The CSS property to change the background color of an element to Hex 00293E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00293E }
```

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

```
.background{ background-color:#00293E }
```

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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