

# Converting Colors

Hex(00293F)

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

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# Color

**Hex(00293F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00293F
RGB	0, 41, 63
RGB Percent	0%, 16%, 25%
CMY	1.0000, 0.8392, 0.7529
CMYK	1.00, 0.35, 0.00, 0.75
HSL	201°, 100%, 12%
HSV	201°, 100%, 25%
XYZ	1.6901, 1.9448, 4.9889
YIQ	31.2490, -31.4980, -1.8500

# Conversions

## Conversions Part 2

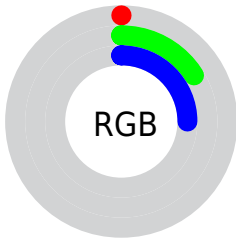
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 25, 63</a>
Decimal	<a href="#">10559</a>
CIELab	<a href="#">15.19, -3.95, -17.78</a>
CIELCh	<a href="#">15, 18.217, 257.467</a>
Yxy	<a href="#">1.9448, 0.1960, 0.2255</a>
Android (android.graphics.Color)	<a href="#">4278200639 (0xFF00293F)</a>
YUV	<a href="#">31.2490, 15.6532, -27.4054</a>
Hunter-Lab	<a href="#">13.9455, -2.7710, -11.4489</a>

# Details

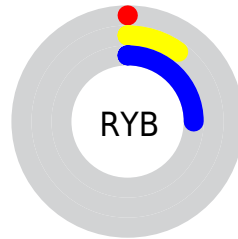
The Hex color **00293F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3F1600**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **37566F**, and **000114** is the 20% darker color. If you saturate the color by 10%, you get **00293F**, and if you desaturate by 10%, it is **062B3F**.

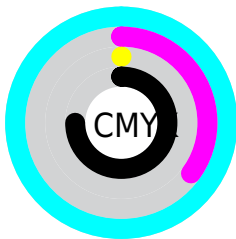
# Distribution



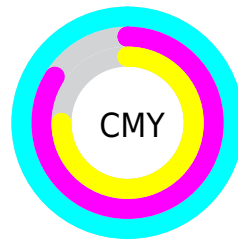
- Red (0%)
- Green (16%)
- Blue (25%)



- Red (0%)
- Yellow (10%)
- Blue (25%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (75%)



- Cyan (100%)
- Magenta (84%)
- Yellow (75%)

# Brightness & Saturation Gradients

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



 00293F

 00293F

 F2FFFF

 001529

 37566F

 000114

 506E88

 000000

 6988A3

 83A2BE

 9EBDD9

 B9D9F6

 D5F5FF

 00293F

■ 062B3F

■ 0D2D3F

■ 13303F

■ 19323F

■ 20343F

■ 26363F

■ 2C383F

■ 323B3F

■ 393D3F

# Harmonies

## Analogous

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



002C39



00293F



1E253F

# Triad

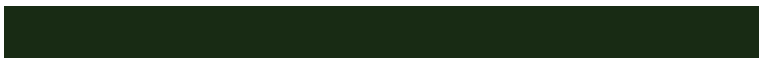
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00293F



3E1C1F



182B14

# Complementary

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



00293F



3F1600

# 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.



27280B



00293F



3B1F14

# Square

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



00293F



3B1C2C



33230B



032C20

# Rectangle

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



00293F



2B213B



33230B



1D2A11



# Sweetspot

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



00293F



394952



003F15



1A2429



A8A8A8



292929



# Same Dimension

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



00293F



003552



000B3F



1C1E1F



003D5E



0090DE



# Inverse Universe

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



3F0029



520035



3F3500



1F1C1E



5E003D



DE0090



# Previews

## White Background



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

## Color Contrast Check

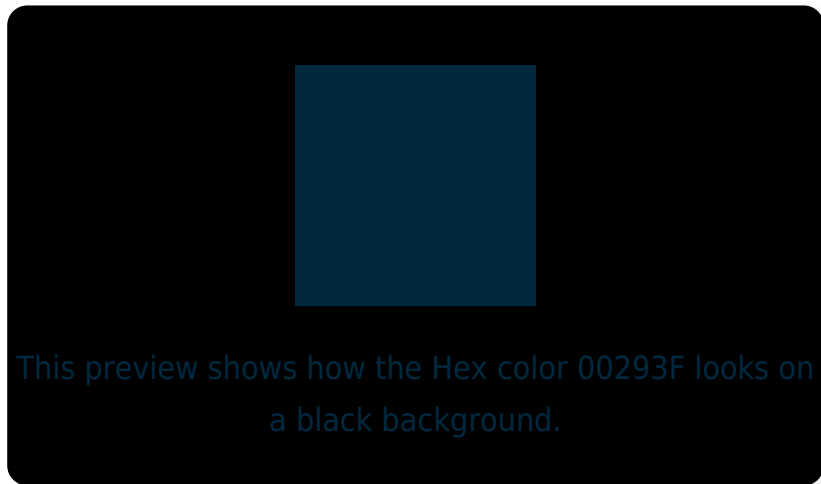
Large Text (above 18pt) WCAG AA ✓ Pass

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

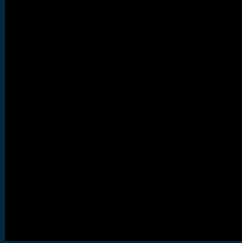
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00293F Background



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



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

# 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**  
00293F

**Protanopia**  
1F263D

**Deuteranopia**  
18273F



**Tritanopia**  
002B2E

# Trichromacy



**Original Color**  
00293F

**Protanomaly**  
14273E

**Deuteranomaly**  
0F283F

**Tritanomaly**  
002A34

# Monochromacy



**Original Color**  
00293F

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
14232B

# CSS Examples

## Text

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

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

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 #00293F colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 00293F 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".

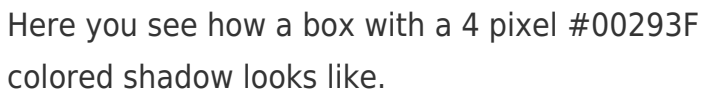
```
.border, #border, table{ border:4px solid
#00293F }
```

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

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

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

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



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

# Background

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

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

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

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

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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