

Converting Colors

Hex(00253F)

Have a look what the booklet for
Hex(00253F) contains.

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Color

Hex(00253F)

Conversions

Conversions Part 1

Format	Color
Hex	00253F
RGB	0, 37, 63
RGB Percent	0%, 15%, 25%
CMY	1.0000, 0.8549, 0.7529
CMYK	1.00, 0.41, 0.00, 0.75
HSL	205°, 100%, 12%
HSV	205°, 100%, 25%
XYZ	1.5588, 1.6820, 4.9451
YIQ	28.9010, -30.3980, 0.2420

Conversions

Conversions Part 2

Format	Color
RYB	0, 23, 63
Decimal	9535
CIELab	13.72, -1.08, -20.11
CIELCh	14, 20.142, 266.939
Yxy	1.6820, 0.1904, 0.2055
Android (android.graphics.Color)	4278199615 (0xFF00253F)
YUV	28.9010, 16.8108, -25.3462
Hunter-Lab	12.9693, -1.2423, -13.5286

Details

The Hex color **00253F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **3F1A00**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **36516F**, and **000114** is the 20% darker color. If you saturate the color by 10%, you get **00253F**, and if you desaturate by 10%, it is **06283F**.

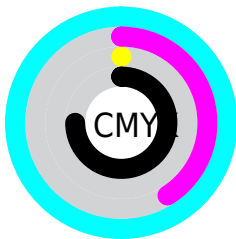
Distribution



- Red (0%)
- Green (15%)
- Blue (25%)



- Red (0%)
- Yellow (9%)
- Blue (25%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (75%)



- Cyan (100%)
- Magenta (85%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00253F 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 00253F by changing the saturation by 10% instead.

 00253F

 00253F

 F2FFFF

 001029

 36516F

 000114

 4F6988

 000000

 6982A3

 839DBE

 9EB7DA

 B9D3F6

 D5EFFF

 00253F

■ 06283F

■ 0D2A3F

■ 132D3F

■ 192F3F

■ 20323F

■ 26353F

■ 2C373F

■ 323A3F

■ 393C3F

Harmonies

Analogous

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



00283A



00253F



21203C

Triad

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



00253F



3C1817



0C2913

Complementary

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



00253F



3F1A00

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.



1F2605



00253F



371C09

Square

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



00253F



3C1725



2D2200



002A21

Rectangle

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



00253F



2E1C36



2D2200



13280E

Sweetspot

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



00253F



394752



003F19



1A2329



A8A8A8



292929

Same Dimension

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



00253F



003052



00063F



1C1D1F



00375E



0082DE

Inverse Universe

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



3F0025



520030



3F3900



1F1C1D



5E0037



DE0082

Previews

White Background



This preview shows how the Hex color 00253F 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

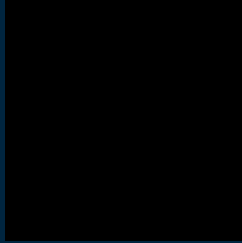
Any Text WCAG AA × Fail

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 00253F Background



This preview shows how black text looks on a background with the Hex color 00253F.



This preview shows how white text looks on a background with the Hex color 00253F.

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
00253F

Protanopia
19233D

Deuteranopia
0D243F



Tritanopia
00282B

Trichromacy



Original Color
00253F

Protanomaly
10243E

Deuteranomaly
08243F

Tritanomaly
002732

Monochromacy



Original Color
00253F

Achromatopsia
1D1D1D

Achromatomaly
122029

CSS Examples

Text

The CSS property to change the color of the text to Hex 00253F 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 #00253F looks like.

```
.text, #text, p{  
    color:#00253F  
}
```

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 #00253F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00253F
}
```

Border

The CSS property to change the border of an element to Hex 00253F is called "border". The border property can be set on classes, ids or directly on the HTML element.

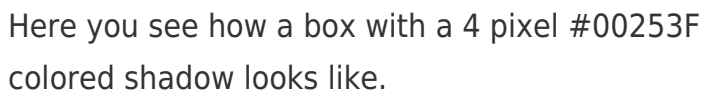
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00253F }
```

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

```
.border{ border-color:#00253F }
```

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



Here you see how a box with a 4 pixel #00253F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00253F; -webkit-box-shadow:4px 4px  
4px 4px #00253F; box-shadow:4px 4px 4px  
4px #00253F }
```

Background

The CSS property to change the background color of an element to Hex 00253F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00253F }
```

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

```
.background{ background-color:#00253F }
```

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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