

Converting Colors

Hex(00173F)

Have a look what the booklet for
Hex(00173F) contains.

Hex(00173F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00173F)

Conversions

Conversions Part 1

Format	Color
Hex	00173F
RGB	0, 23, 63
RGB Percent	0%, 9%, 25%
CMY	1.0000, 0.9098, 0.7529
CMYK	1.00, 0.63, 0.00, 0.75
HSL	218°, 100%, 12%
HSV	218°, 100%, 25%
XYZ	1.2036, 0.9717, 4.8267
YIQ	20.6830, -26.5480, 7.5640

Conversions

Conversions Part 2

Format	Color
R_{YB}	0, 17, 63
Decimal	5951
CIE _{Lab}	8.75, 9.85, -28.10
CIE _{LCh}	9, 29.780, 289.310
Yxy	0.9717, 0.1719, 0.1388
Android (android.graphics.Color)	4278196031 (0xFF00173F)
YUV	20.6830, 20.8623, -18.1390
Hunter-Lab	9.8574, 4.5448, -22.1317

Details

The Hex color **00173F** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3F2800**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **37416F**, and **000113** is the 20% darker color. If you saturate the color by 10%, you get **00173F**, and if you desaturate by 10%, it is **061B3F**.

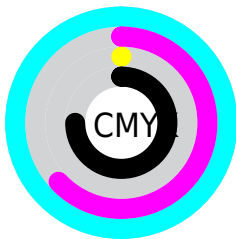
Distribution



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



- Red (0%)
- Yellow (7%)
- Blue (25%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (75%)



- Cyan (100%)
- Magenta (91%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00173F 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 00173F by changing the saturation by 10% instead.

00173F

00173F

F3F8FF

000029

37416F

000113

505889

000000

6971A3

838ABE

9EA4DA

BABFF7

D6DBFF

00173F

■ 061B3F

■ 0D1F3F

■ 13233F

■ 19273F

■ 202B3F

■ 262F3F

■ 2C333F

■ 32373F

■ 393B3F

Harmonies

Analogous

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



001E40



00173F



290C33

Triad

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



00173F



340B00



002310

Complementary

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



00173F



3F2800

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.



002000



00173F



271600

Square

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



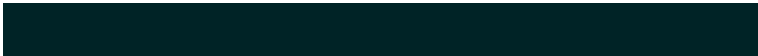
00173F



3B010A



141C00



002326

Rectangle

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



00173F



340427



141C00



002205

Sweetspot

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



00173F



394252



003F28



1A1F29



A8A8A8



292929

Same Dimension

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



00173F



001E52



08003F



1C1D1F



00225E



0051DE

Inverse Universe

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



3F0017



52001E



373F00



1F1C1D



5E0022



DE0051

Previews

White Background



This preview shows how the Hex color 00173F looks on a white background.

Color Contrast Check

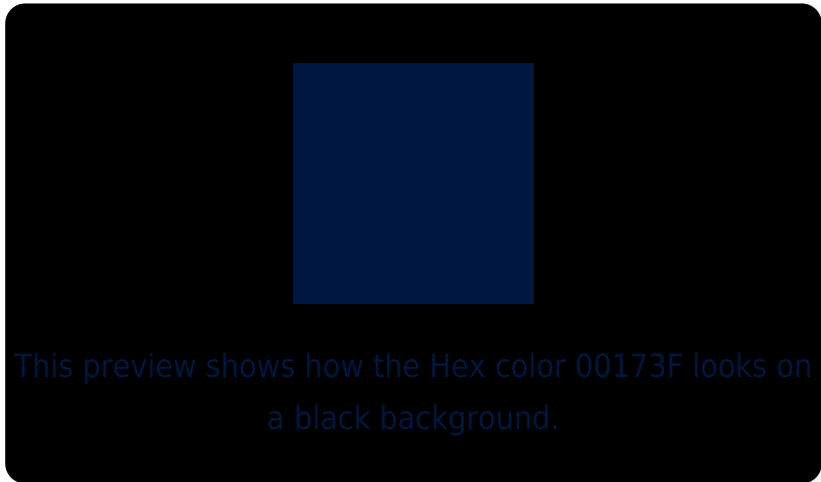
Large Text (above 18pt) WCAG AA ✓ Pass

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

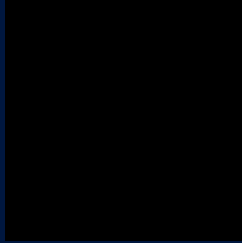
Any Text WCAG AA × Fail

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 00173F Background



This preview shows how black text looks on a background with the Hex color 00173F.



This preview shows how white text looks on a background with the Hex color 00173F.

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
00173F

Protanopia
001A36

Deuteranopia
001B2E



Tritanopia
001E1F

Trichromacy



Original Color
00173F

Protanomaly
001939

Deuteranomaly
001A34

Tritanomaly
001B2B

Monochromacy



Original Color
00173F

Achromatopsia
151515

Achromatomaly
0D1624

CSS Examples

Text

The CSS property to change the color of the text to Hex 00173F 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 #00173F looks like.

```
.text, #text, p{  
    color:#00173F  
}
```

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 #00173F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00173F
}
```

Border

The CSS property to change the border of an element to Hex 00173F 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
#00173F }
```

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

```
.border{ border-color:#00173F }
```

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

Here you see how a box with a 4 pixel #00173F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00173F; -webkit-box-shadow:4px 4px  
4px 4px #00173F; box-shadow:4px 4px 4px  
4px #00173F }
```

Background

The CSS property to change the background color of an element to Hex 00173F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00173F }
```

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

```
.background{ background-color:#00173F }
```

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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