

Converting Colors

Hex(073C3D)

Have a look what the booklet for
Hex(073C3D) contains.

Hex(073C3D)	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(073C3D)

Conversions

Conversions Part 1

Format	Color
Hex	073C3D
RGB	7, 60, 61
RGB Percent	3%, 24%, 24%
CMY	0.9725, 0.7647, 0.7608
CMYK	0.89, 0.02, 0.00, 0.76
HSL	181°, 79%, 13%
HSV	181°, 89%, 24%
XYZ	2.5458, 3.6138, 4.9782
YIQ	44.2670, -31.9090, -10.9250

Conversions

Conversions Part 2

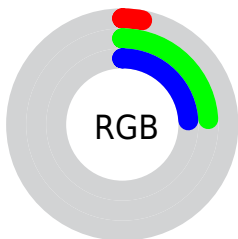
Format	Color
RYB	7, 34, 61
Decimal	474173
CIELab	22.35, -15.71, -5.39
CIELCh	22, 16.607, 198.949
Yxy	3.6138, 0.2286, 0.3245
Android (android.graphics.Color)	4278664253 (0xFF073C3D)
YUV	44.2670, 8.2494, -32.6832
Hunter-Lab	19.0100, -9.3632, -2.2195

Details

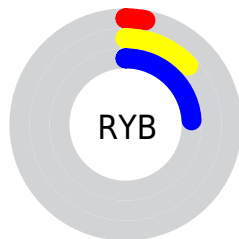
The Hex color **073C3D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D0807**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3D6C6C**, and **001013** is the 20% darker color. If you saturate the color by 10%, you get **013C3D**, and if you desaturate by 10%, it is **0D3C3D**.

Distribution



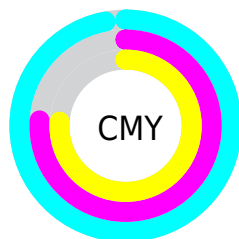
- Red (3%)
- Green (24%)
- Blue (24%)



- Red (3%)
- Yellow (13%)
- Blue (24%)



- Cyan (89%)
- Magenta (2%)
- Yellow (0%)
- Black (76%)



- Cyan (97%)
- Magenta (76%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 073C3D 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 073C3D by changing the saturation by 10% instead.

 073C3D

 073C3D

 FAFFFF

 002627

 3D6C6C

 001013

 568586

 000000

 709FA0

 8ABABB

 A5D6D6

 C1F2F3

 DDFFFF

 073C3D

 073C3D

■ 013C3D

■ 0D3C3D

■ 003C3D

■ 133C3D

■ 193C3D

■ 1F3C3D

■ 253D3D

■ 2C3D3D

■ 323D3D

■ 383D3D

■ 3E3D3D

Harmonies

Analogous

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



183C30



073C3D



073B48

Triad

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



073C3D



402F46



42331D

Complementary

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



073C3D



3D0807

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.



4A2F23



073C3D



4B2C3B

Square

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



073C3D



30344D



4E2C2E



36371E

Rectangle

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



073C3D



14394C



4E2C2E



45321F

Sweetspot

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



073C3D



3A4F4F



073D08



1C2929



A8A8A8



292929

Same Dimension

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



073C3D



004E4F



07213D



1C1F1F



005D5E



00DADE

Inverse Universe

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



3D073C



4F004E



3D2307



1F1C1F



5E005D



DE00DA

Previews

White Background



This preview shows how the Hex color 073C3D looks on a white background.

Color Contrast Check

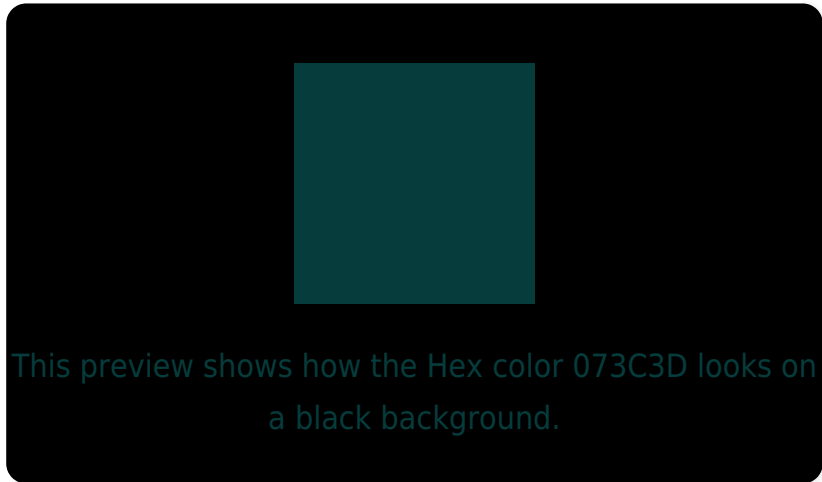
Large Text (above 18pt) WCAG AA ✓ Pass

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

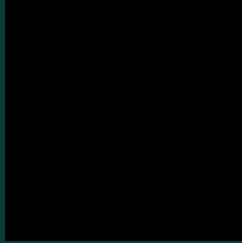
Any Text WCAG AA × Fail

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 073C3D Background



This preview shows how black text looks on a background with the Hex color 073C3D.



This preview shows how white text looks on a background with the Hex color 073C3D.

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
073C3D

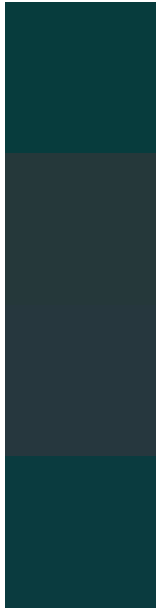
Protanopia
363539

Deuteranopia
37343F



Tritanopia
0C3B40

Trichromacy



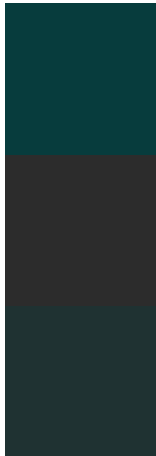
Original Color
073C3D

Protanomaly
25383A

Deuteranomaly
26373E

Tritanomaly
0A3B3F

Monochromacy



Original Color
073C3D

Achromatopsia
2C2C2C

Achromatomaly
1F3232

CSS Examples

Text

The CSS property to change the color of the text to Hex 073C3D 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 #073C3D looks like.

```
.text, #text, p{  
    color:#073C3D  
}
```

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 #073C3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #073C3D
}
```

Border

The CSS property to change the border of an element to Hex 073C3D 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
#073C3D }
```

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

```
.border{ border-color:#073C3D }
```

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

Here you see how a box with a 4 pixel #073C3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #073C3D; -webkit-box-shadow:4px 4px  
4px 4px #073C3D; box-shadow:4px 4px 4px  
4px #073C3D }
```

Background

The CSS property to change the background color of an element to Hex 073C3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#073C3D }
```

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

```
.background{ background-color:#073C3D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor