

# Converting Colors

Hex(073B2F)

Have a look what the booklet for  
Hex(073B2F) contains.

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**Color**

**Hex(073B2F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	073B2F
RGB	7, 59, 47
RGB Percent	3%, 23%, 18%
CMY	0.9725, 0.7686, 0.8157
CMYK	0.88, 0.00, 0.20, 0.77
HSL	166°, 79%, 13%
HSV	166°, 88%, 23%
XYZ	2.1647, 3.3783, 3.2273
YIQ	42.0840, -27.1400, -14.7560

# Conversions

## Conversions Part 2

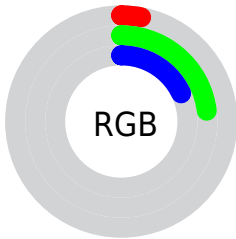
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	7, 36, 59
Decimal	473903
CIE Lab	21.50, -19.91, 2.76
CIE LCh	21, 20.098, 172.110
Yxy	3.3783, 0.2468, 0.3852
Android (android.graphics.Color)	4278663983 (0xFF073B2F)
YUV	42.0840, 2.4236, -30.7687
Hunter-Lab	18.3803, -11.1432, 2.4557

# Details

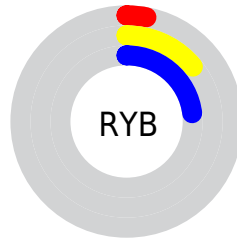
The Hex color **073B2F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3B0713**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **3B6B5D**, and **000A00** is the 20% darker color. If you saturate the color by 10%, you get **013B2E**, and if you desaturate by 10%, it is **0D3B30**.

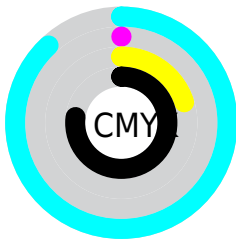
# Distribution



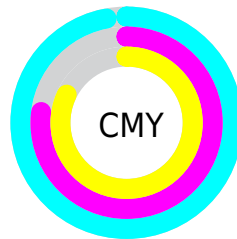
- Red (3%)
- Green (23%)
- Blue (18%)



- Red (3%)
- Yellow (14%)
- Blue (23%)



- Cyan (88%)
- Magenta (0%)
- Yellow (20%)
- Black (77%)



- Cyan (97%)
- Magenta (77%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 073B2F 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 073B2F by changing the saturation by 10% instead.



 073B2F

 073B2F

 F7FFFF

 00251A

 3B6B5D

 000A00

 548475

 000000

 6D9E8F

 87B9A9

 A2D5C5

 BEF2E1

 DAFFFD

 073B2F

 073B2F

■ 013B2E

■ 0D3B30

■ 003B2D

■ 133B32

■ 193B33

■ 1F3B34

■ 253B36

■ 2A3B37

■ 303B39

■ 363B3A

■ 3C3B3B

# Harmonies

## Analogous

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



203921



073B2F



003B3E

# Triad

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



073B2F



2F314F



4B2C1D

# Complementary

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



073B2F



3B0713

# 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.



502829



073B2F



422C46

# Square

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



073B2F



123651



4D2838



403116

# Rectangle

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



073B2F



003A47



4D2838



4D2A20



# Sweetspot

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



073B2F



394D48



133B07



1A2624



A6A6A6



262626



# Same Dimension

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



073B2F



004D3B



072D3B



1C1F1E



005E49



00DEAB



# Inverse Universe

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



3B0713



4D0012



3B1507



1F1C1C



5E0016

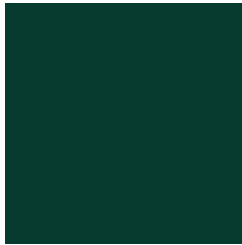


DE0033



# Previews

## White Background



This preview shows how the Hex color 073B2F looks on a white background.

## Color Contrast Check

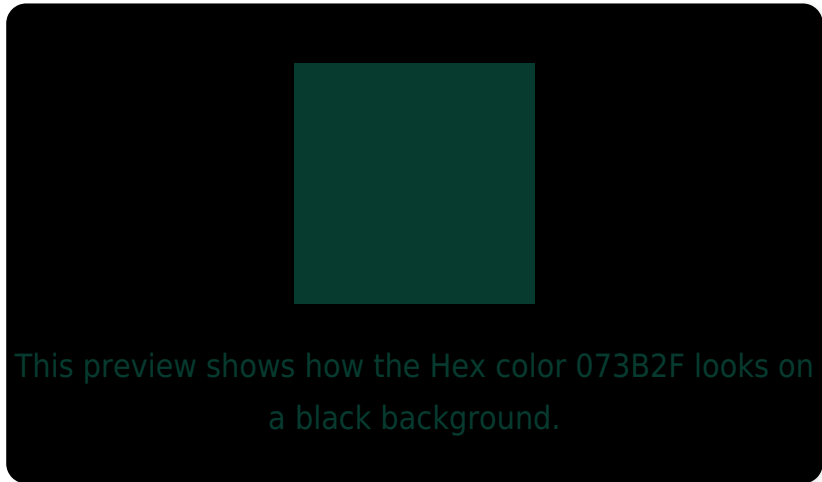
Large Text (above 18pt) WCAG AA ✓ Pass

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

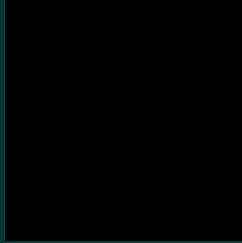
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 073B2F Background



This preview shows how black text looks on a background with the Hex color 073B2F.



This preview shows how white text looks on a background with the Hex color 073B2F.

# 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](#).

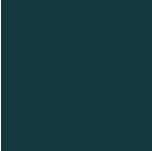
## Dichromacy



**Original Color**  
073B2F

**Protanopia**  
37342B

**Deuteranopia**  
3A3231



**Tritanopia**  
13393E

# Trichromacy



**Original Color**  
073B2F

**Protanomaly**  
26372C

**Deuteranomaly**  
273530

**Tritanomaly**  
0F3A39

# Monochromacy



**Original Color**  
073B2F

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
1D302C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 073B2F 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 #073B2F looks like.

```
.text, #text, p{  
    color:#073B2F  
}
```

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 #073B2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #073B2F
}
```

## Border

The CSS property to change the border of an element to Hex 073B2F 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
#073B2F }
```

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

```
.border{ border-color:#073B2F }
```

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

Here you see how a box with a 4 pixel #073B2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #073B2F; -webkit-box-shadow:4px 4px  
4px 4px #073B2F; box-shadow:4px 4px 4px  
4px #073B2F }
```

# Background

The CSS property to change the background color of an element to Hex 073B2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#073B2F }
```

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

```
.background{ background-color:#073B2F }
```

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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