

# Converting Colors

Hex(073800)

Have a look what the booklet for  
Hex(073800) contains.

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**Color**

**Hex(073800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	073800
RGB	7, 56, 0
RGB Percent	3%, 22%, 0%
CMY	0.9725, 0.7804, 1.0000
CMYK	0.87, 0.00, 1.00, 0.78
HSL	112°, 100%, 11%
HSV	112°, 100%, 22%
XYZ	1.5018, 2.8735, 0.4755
YIQ	34.9650, -11.2280, -27.8040

# Conversions

## Conversions Part 2

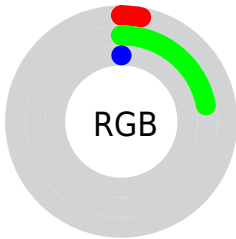
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 56, 49
Decimal	473088
CIELab	19.53, -27.68, 26.87
CIELCh	20, 38.578, 135.850
Yxy	2.8735, 0.3096, 0.5924
Android (android.graphics.Color)	4278663168 (0xFF073800)
YUV	34.9650, -17.2377, -24.5253
Hunter-Lab	16.9515, -13.8510, 10.2029

# Details

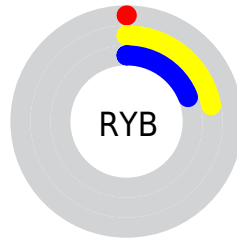
The Hex color **073800** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **310038**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **3A682F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **073800**, and if you desaturate by 10%, it is **0C3806**.

# Distribution



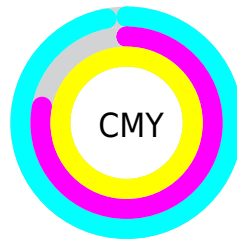
- Red (3%)
- Green (22%)
- Blue (0%)



- Red (0%)
- Yellow (22%)
- Blue (19%)



- Cyan (87%)
- Magenta (0%)
- Yellow (100%)
- Black (78%)



- Cyan (97%)
- Magenta (78%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 073800 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 073800 by changing the saturation by 10% instead.



 073800

 073800

 F6FFE4

 002300

 3A682F

 000000

 538146

 6D9B5F

 87B678

 A2D292

 BDEEAD

 D9FFC8

 073800

■ 0C3806

■ 11380B

■ 163811

■ 1B3816

■ 20381C

■ 243822

■ 293827

■ 2E382D

■ 333832

# Harmonies

## Analogous

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



2E3300



073800



003B20

# Triad

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



073800



003666



600D22

# Complementary

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



073800



310038

# 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.



5A0F3E



073800



002E66

# Square

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



073800



003B57



422057



581B03

# Rectangle

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



073800



003B34



422057



600B2B



# Sweetspot

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



073800



374A34



383100



1A2618



A6A6A6



262626



# Same Dimension

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



073800



094A00



003815



1A1C19



0B5C00



1BDB00



# Inverse Universe

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



310038



41004A



380023



1C191C



50005C

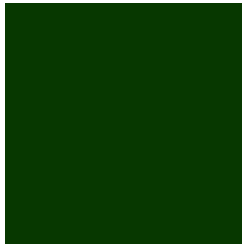


C000DB



# Previews

## White Background



This preview shows how the Hex color 073800 looks on a white background.

## Color Contrast Check

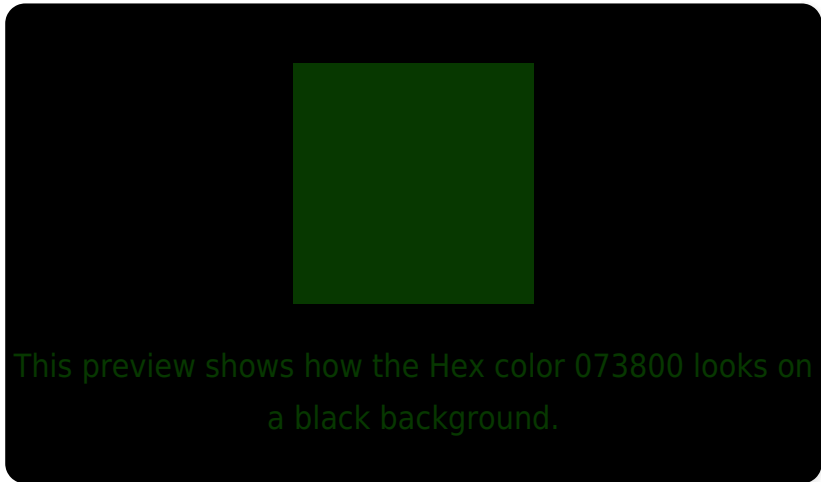
Large Text (above 18pt) WCAG AA ✓ Pass

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

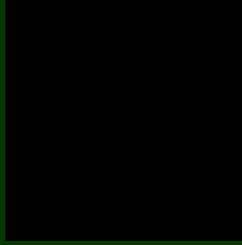
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 073800 Background



This preview shows how black text looks on a background with the Hex color 073800.



This preview shows how white text looks on a background with the Hex color 073800.

# 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](#).

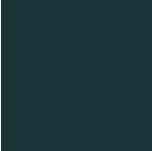
## Dichromacy



**Original Color**  
073800

**Protanopia**  
363000

**Deuteranopia**  
3C2D0C



**Tritanopia**  
183438

# Trichromacy



**Original Color**  
073800

**Protanomaly**  
253300

**Deuteranomaly**  
293108

**Tritanomaly**  
123524

# Monochromacy



**Original Color**  
073800

**Achromatopsia**  
232323

**Achromatomaly**  
192B16

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 073800 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 #073800 looks like.

```
.text, #text, p{  
    color:#073800  
}
```

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 #073800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #073800
}
```

## Border

The CSS property to change the border of an element to Hex 073800 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
#073800 }
```

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

```
.border{ border-color:#073800 }
```

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

Here you see how a box with a 4 pixel #073800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #073800; -webkit-box-shadow:4px 4px  
4px 4px #073800; box-shadow:4px 4px 4px  
4px #073800 }
```

# Background

The CSS property to change the background color of an element to Hex 073800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#073800 }
```

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

```
.background{ background-color:#073800 }
```

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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