

Converting Colors

Hex(073838)

Have a look what the booklet for
Hex(073838) contains.

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Color

Hex(073838)

Conversions

Conversions Part 1

Format	Color
Hex	073838
RGB	7, 56, 56
RGB Percent	3%, 22%, 22%
CMY	0.9725, 0.7804, 0.7804
CMYK	0.87, 0.00, 0.00, 0.78
HSL	180°, 78%, 12%
HSV	180°, 87%, 22%
XYZ	2.2156, 3.1590, 4.2344
YIQ	41.3490, -29.2040, -10.3880

Conversions

Conversions Part 2

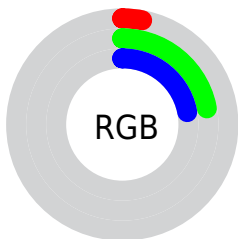
Format	Color
RYB	7, 32, 56
Decimal	473144
CIELab	20.67, -15.23, -4.54
CIELCh	21, 15.890, 196.586
Yxy	3.1590, 0.2306, 0.3288
Android (android.graphics.Color)	4278663224 (0xFF073838)
YUV	41.3490, 7.2229, -30.1241
Hunter-Lab	17.7737, -8.8528, -1.6835

Details

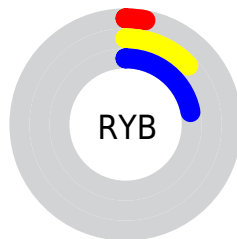
The Hex color **073838** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **380707**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **3B6767**, and **00050D** is the 20% darker color. If you saturate the color by 10%, you get **013838**, and if you desaturate by 10%, it is **0D3838**.

Distribution



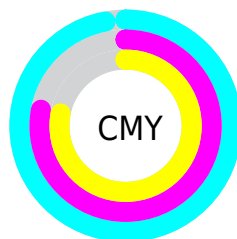
- Red (3%)
- Green (22%)
- Blue (22%)



- Red (3%)
- Yellow (13%)
- Blue (22%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 073838 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 073838 by changing the saturation by 10% instead.

 073838

 073838

 F7FFFF

 002223

 3B6767

 00050D

 548080

 000000

 6E9A9A

 88B5B5

 A3D1D0

 BEEDEC

 DAFFFF

 073838

 073838

■ 013838

■ 0D3838

■ 003838

■ 123838

■ 183838

■ 1D3838

■ 233838

■ 293838

■ 2E3838

■ 343838

■ 393838

Harmonies

Analogous

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



17382C



073838



053742

Triad

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



073838



3B2C42



3E2F1B

Complementary

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



073838



380707

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.



462B21



073838



452937

Square

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



073838



2B3148



49292C



33331B

Rectangle

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



073838



113547



49292C



412E1D

Sweetspot

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



073838



374A4A



073807



1A2626



A6A6A6



262626

Same Dimension

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



073838



004A4A



072038



191C1C



005C5C



00DBDB

Inverse Universe

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



380738



4A004A



382007



1C191C



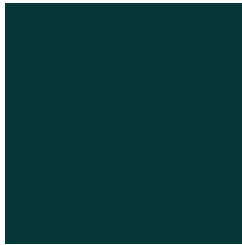
5C005C



DB00DB

Previews

White Background



This preview shows how the Hex color 073838 looks on a white background.

Color Contrast Check

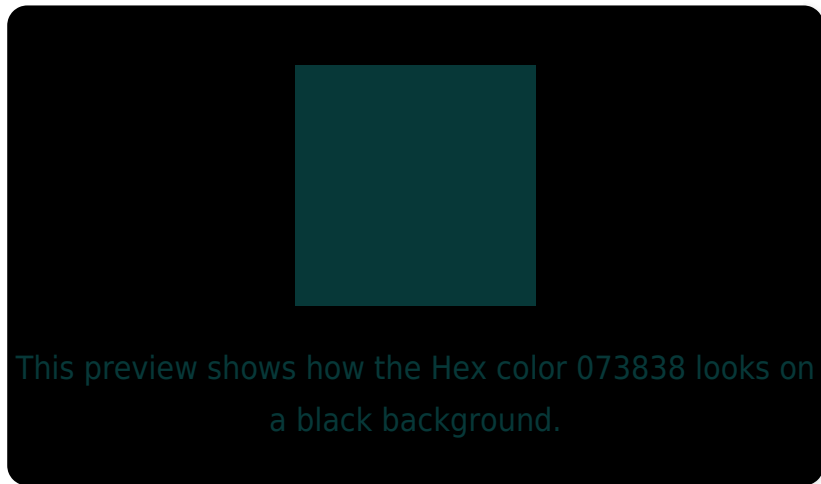
Large Text (above 18pt) WCAG AA ✓ Pass

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

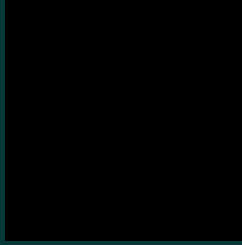
Any Text WCAG AA × Fail

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 073838 Background



This preview shows how black text looks on a background with the Hex color 073838.



This preview shows how white text looks on a background with the Hex color 073838.

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](#).

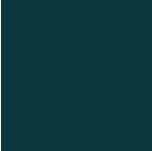
Dichromacy



Original Color
073838

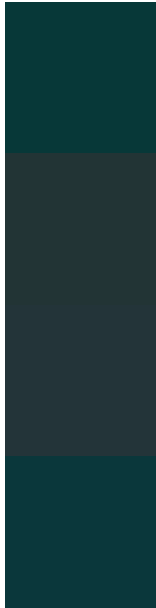
Protanopia
323234

Deuteranopia
33313A



Tritanopia
0C373C

Trichromacy



Original Color
073838

Protanomaly
223435

Deuteranomaly
233439

Tritanomaly
0A373B

Monochromacy



Original Color
073838

Achromatopsia
292929

Achromatomaly
1D2E2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 073838 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 #073838 looks like.

```
.text, #text, p{  
    color:#073838  
}
```

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 #073838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #073838
}
```

Border

The CSS property to change the border of an element to Hex 073838 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".

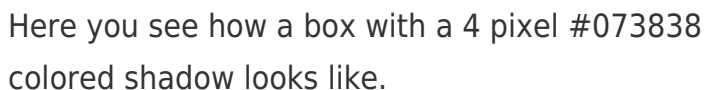
```
.border, #border, table{ border:4px solid
#073838 }
```

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

```
.border{ border-color:#073838 }
```

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

Here you see how a box with a 4 pixel #073838 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #073838; -webkit-box-shadow:4px 4px  
4px 4px #073838; box-shadow:4px 4px 4px  
4px #073838 }
```

Background

The CSS property to change the background color of an element to Hex 073838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#073838 }
```

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

```
.background{ background-color:#073838 }
```

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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