

# Converting Colors

Hex(073846)

Have a look what the booklet for  
Hex(073846) contains.

<b>Hex(073846)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(073846)

# Conversions

## Conversions Part 1

Format	Color
Hex	073846
RGB	7, 56, 70
RGB Percent	3%, 22%, 27%
CMY	0.9725, 0.7804, 0.7255
CMYK	0.90, 0.20, 0.00, 0.73
HSL	193°, 82%, 15%
HSV	193°, 90%, 27%
XYZ	2.6073, 3.3157, 6.2969
YIQ	42.9450, -33.6980, -6.0340

# Conversions

## Conversions Part 2

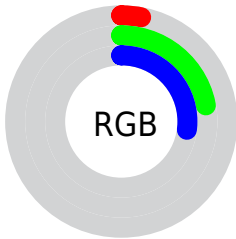
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	7, 35, 70
Decimal	473158
CIE Lab	21.27, -9.84, -13.09
CIE LCh	21, 16.374, 233.079
Yxy	3.3157, 0.2134, 0.2713
Android (android.graphics.Color)	4278663238 (0xFF073846)
YUV	42.9450, 13.3381, -31.5238
Hunter-Lab	18.2091, -6.3072, -7.7568

# Details

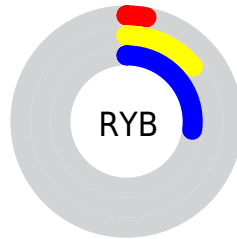
The Hex color **073846** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **461507**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **3E6776**, and **000A1B** is the 20% darker color. If you saturate the color by 10%, you get **003646**, and if you desaturate by 10%, it is **0E3A46**.

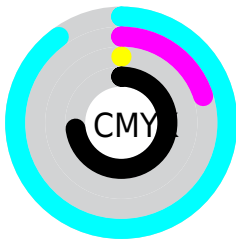
# Distribution



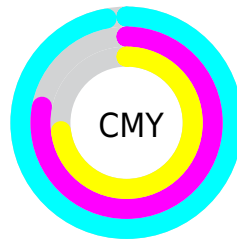
- Red (3%)
- Green (22%)
- Blue (27%)



- Red (3%)
- Yellow (14%)
- Blue (27%)



- Cyan (90%)
- Magenta (20%)
- Yellow (0%)
- Black (73%)



- Cyan (97%)
- Magenta (78%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 073846 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 073846 by changing the saturation by 10% instead.



073846

073846

FCFFFF

002230

3E6776

000A1B

578090

000000

719AAA

8BB5C6

A6D0E2

C2EDFE

DFFFFF

073846

073846

■ 003646

■ 0E3A46

■ 153B46

■ 1C3D46

■ 233E46

■ 2A4046

■ 314146

■ 384346

■ 3F4446

■ 464646

# Harmonies

## Analogous

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



04393C



073846



1D354B

# Triad

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



073846



482A36



32351C

# Complementary

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



073846



461507

# 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.



3E311B



073846



4B2A2A

# Square

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



073846



402D42



462D20



243824

# Rectangle

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



073846



2A324A



462D20



36341B



# Sweetspot

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



073846



43565C



074615



1F2B2E



ADADAD



2E2E2E



# Same Dimension

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



073846



00475C



071946



202324



004D63



00B1E3



# Inverse Universe

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



460738



5C0047



463407



242023



63004D

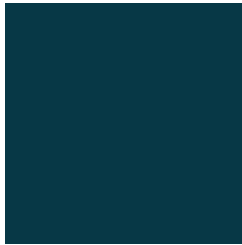


E300B1



# Previews

## White Background



This preview shows how the Hex color 073846 looks on a white background.

## Color Contrast Check

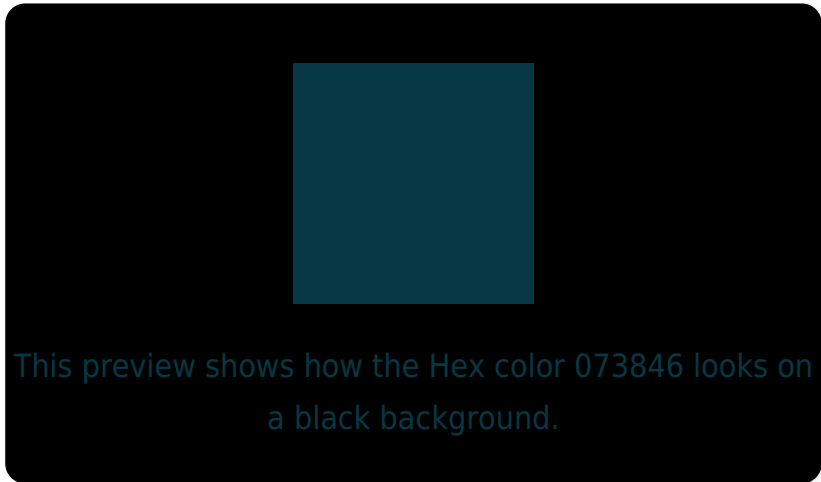
Large Text (above 18pt) WCAG AA ✓ Pass

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

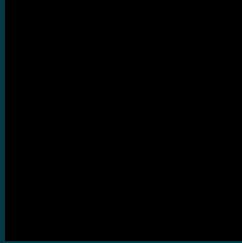
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

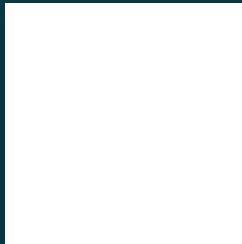
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 073846 Background



This preview shows how black text looks on a background with the Hex color 073846.



This preview shows how white text looks on a background with the Hex color 073846.

# 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**  
073846

**Protanopia**  
2F3342

**Deuteranopia**  
2D3347



# Trichromacy



**Original Color**  
073846

**Protanomaly**  
203543

**Deuteranomaly**  
1F3547

**Tritanomaly**  
033941

# Monochromacy



**Original Color**  
073846

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
1E3035

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 073846 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 #073846 looks like.

```
.text, #text, p{  
    color:#073846  
}
```

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 #073846 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #073846
}
```

## Border

The CSS property to change the border of an element to Hex 073846 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
#073846 }
```

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

```
.border{ border-color:#073846 }
```

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

Here you see how a box with a 4 pixel #073846 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #073846; -webkit-box-shadow:4px 4px  
4px 4px #073846; box-shadow:4px 4px 4px  
4px #073846 }
```

# Background

The CSS property to change the background color of an element to Hex 073846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#073846 }
```

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

```
.background{ background-color:#073846 }
```

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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