

# Converting Colors

Hex(073009)

Have a look what the booklet for  
Hex(073009) contains.

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# Color

Hex(073009)

# Conversions

## Conversions Part 1

Format	Color
Hex	073009
RGB	7, 48, 9
RGB Percent	3%, 19%, 4%
CMY	0.9725, 0.8118, 0.9647
CMYK	0.85, 0.00, 0.81, 0.81
HSL	123°, 75%, 11%
HSV	123°, 85%, 19%
XYZ	1.1939, 2.1788, 0.6161
YIQ	31.2950, -11.9170, -20.8210

# Conversions

## Conversions Part 2

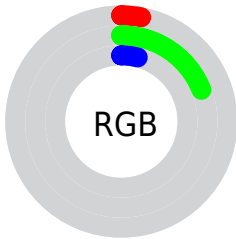
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 46, 48
Decimal	471049
CIELab	16.40, -23.42, 19.46
CIELCh	16, 30.453, 140.276
Yxy	2.1788, 0.2993, 0.5462
Android (android.graphics.Color)	4278661129 (0xFF073009)
YUV	31.2950, -10.9914, -21.3067
Hunter-Lab	14.7608, -11.3938, 7.8579

# Details

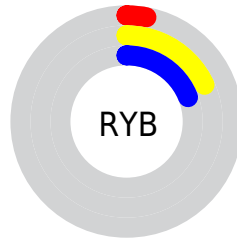
The Hex color **073009** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **30072E**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **375F35**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **023004**, and if you desaturate by 10%, it is **0C300E**.

# Distribution



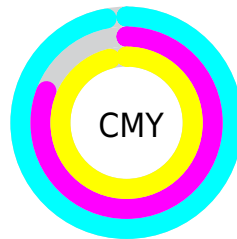
- Red (3%)
- Green (19%)
- Blue (4%)



- Red (3%)
- Yellow (18%)
- Blue (19%)



- Cyan (85%)
- Magenta (0%)
- Yellow (81%)
- Black (81%)



- Cyan (97%)
- Magenta (81%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 073009 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 073009 by changing the saturation by 10% instead.



 073009

 073009

 F0FFEA

 001D00

 375F35

 000000

 4F784C

 689265

 82AC7E

 9DC898

 B8E4B3

 D4FFCE

 073009

 073009

■ 023004

■ 0C300E

■ 003002

■ 113012

■ 153017

■ 1A301B

■ 1F3020

■ 243024

■ 293029

■ 2D302E

■ 323032

# Harmonies

## Analogous

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



262C00



073009



003221

# Triad

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



073009



002D54



4F131B

# Complementary

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



073009



30072E

# 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.



4C1231



073009



182652

# Square

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



073009



00314A



3B1C45



481C03

# Rectangle

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



073009



003230



3B1C45



4F1122



# Sweetspot

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



073009



2D3D2E



2F3007



151F16



9E9E9E



1F1F1F



# Same Dimension

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



073009



003D03



07301D



151715



005704



00D60A



# Inverse Universe

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



30072E



3D003A



30071A



171517



570052

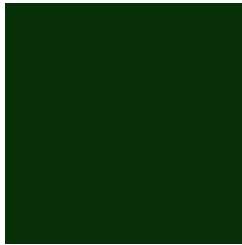


D600CC



# Previews

## White Background



This preview shows how the Hex color 073009 looks on a white background.

## Color Contrast Check

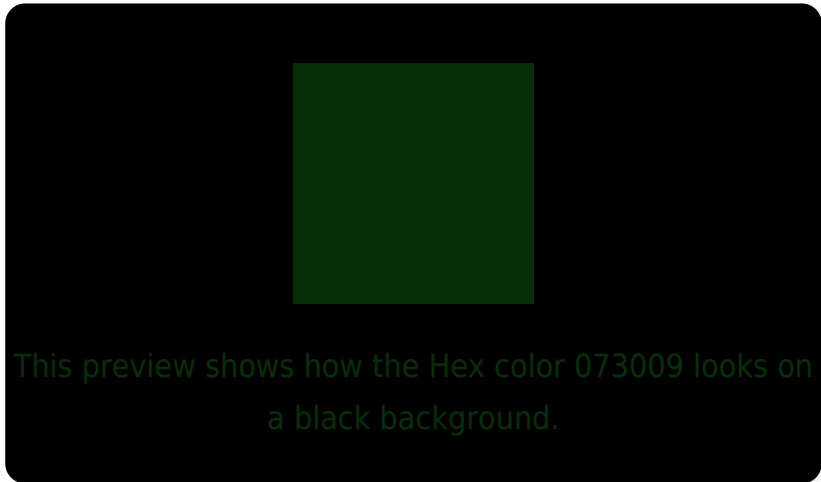
Large Text (above 18pt) WCAG AA ✓ Pass

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

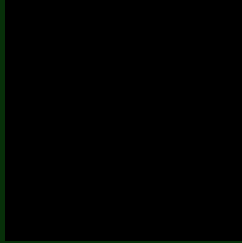
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 073009 Background



This preview shows how black text looks on a background with the Hex color 073009.



This preview shows how white text looks on a background with the Hex color 073009.

# 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**  
073009

**Protanopia**  
2E2907

**Deuteranopia**  
33270D



**Tritanopia**  
152D30

# Trichromacy



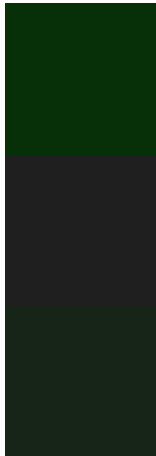
**Original Color**  
073009

**Protanomaly**  
202C08

**Deuteranomaly**  
232A0C

**Tritanomaly**  
102E22

# Monochromacy



**Original Color**  
073009

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
162517

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 073009 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 #073009 looks like.

```
.text, #text, p{  
    color:#073009  
}
```

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 #073009 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #073009
}
```

## Border

The CSS property to change the border of an element to Hex 073009 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".

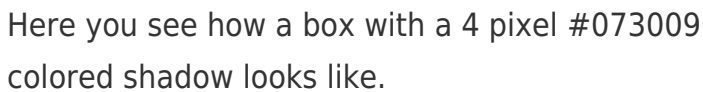
```
.border, #border, table{ border:4px solid
#073009 }
```

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

```
.border{ border-color:#073009 }
```

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

Here you see how a box with a 4 pixel #073009 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #073009; -webkit-box-shadow:4px 4px  
4px 4px #073009; box-shadow:4px 4px 4px  
4px #073009 }
```

# Background

The CSS property to change the background color of an element to Hex 073009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#073009 }
```

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

```
.background{ background-color:#073009 }
```

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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