

# Converting Colors

Hex(053019)

Have a look what the booklet for  
Hex(053019) contains.

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# Color

**Hex(053019)**

# Conversions

## Conversions Part 1

Format	Color
Hex	053019
RGB	5, 48, 25
RGB Percent	2%, 19%, 10%
CMY	0.9804, 0.8118, 0.9020
CMYK	0.90, 0.00, 0.48, 0.81
HSL	148°, 81%, 10%
HSV	148°, 90%, 19%
XYZ	1.2950, 2.2164, 1.2792
YIQ	32.5210, -18.2450, -16.2690

# Conversions

## Conversions Part 2

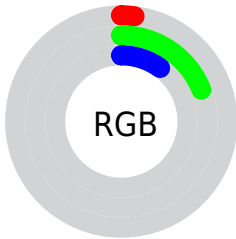
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	5, 34, 48
Decimal	339993
CIE <sub>Lab</sub>	16.58, -21.03, 10.71
CIE <sub>LCh</sub>	17, 23.599, 153.003
Yxy	2.2164, 0.2703, 0.4626
Android (android.graphics.Color)	4278530073 (0xFF053019)
YUV	32.5210, -3.7079, -24.1359
Hunter-Lab	14.8874, -10.5259, 5.3265

# Details

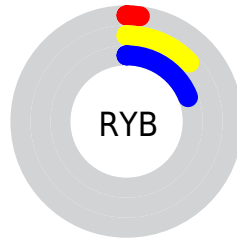
The Hex color **053019** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **30051C**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **365F44**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003016**, and if you desaturate by 10%, it is **0A301C**.

# Distribution



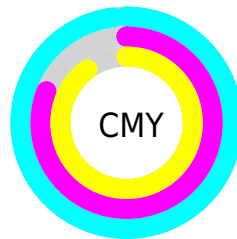
- Red (2%)
- Green (19%)
- Blue (10%)



- Red (2%)
- Yellow (13%)
- Blue (19%)



- Cyan (90%)
- Magenta (0%)
- Yellow (48%)
- Black (81%)



- Cyan (98%)
- Magenta (81%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 053019 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 053019 by changing the saturation by 10% instead.



 053019

 053019

 EEEFFC

 001D00

 365F44

 000000

 4E785C

 669174

 80AC8E

 9BC7A9

 B6E4C4

 D2FFE0

 053019

 053019

■ 003016

■ 0A301C

■ 0F301E

■ 133021

■ 183023

■ 1D3026

■ 223028

■ 27302B

■ 2B302E

■ 303030

# Harmonies

## Analogous

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



1F2D09



053019



00312A

# Triad

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



053019



052A4B



461C18

# Complementary

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



053019



30051C

# 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.



471928



053019



2C2445

# Square

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



053019



002F47



3F1D39



3E2208

# Rectangle

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



053019



003136



3F1D39



481B1D



# Sweetspot

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



053019



2D3D34



1D3005



151F19



9E9E9E



1F1F1F



# Same Dimension

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



053019



003D1C



05302E



151716



005728



00D664



# Inverse Universe

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



30051C



3D0021



300507



171516



57002E

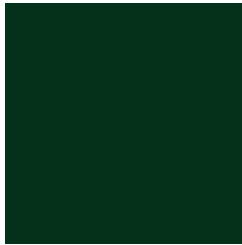


D60073



# Previews

## White Background



This preview shows how the Hex color 053019 looks on a white background.

## Color Contrast Check

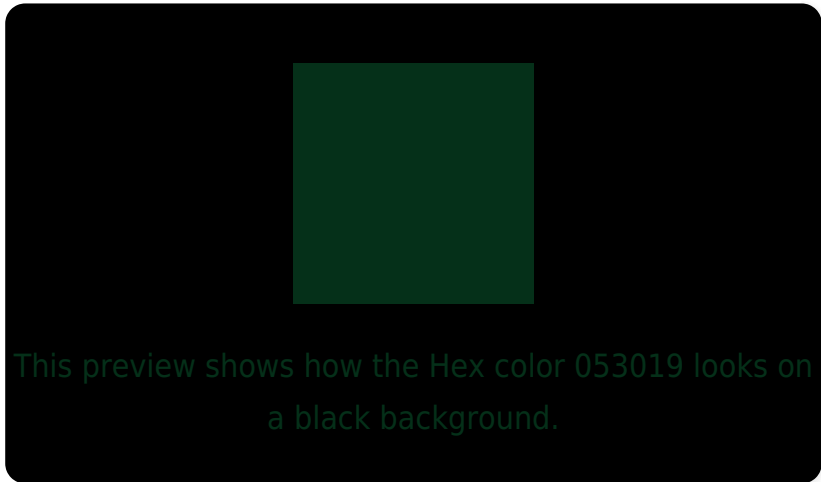
Large Text (above 18pt) WCAG AA ✓ Pass

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 053019 Background



This preview shows how black text looks on a background with the Hex color 053019.



This preview shows how white text looks on a background with the Hex color 053019.

# 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**  
053019

**Protanopia**  
2E2917

**Deuteranopia**  
32281B



**Tritanopia**  
132D31

# Trichromacy



**Original Color**  
053019

**Protanomaly**  
1F2C18

**Deuteranomaly**  
222B1A

**Tritanomaly**  
0E2E28

# Monochromacy



**Original Color**  
053019

**Achromatopsia**  
212121

**Achromatomaly**  
17261E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 053019 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 #053019 looks like.

```
.text, #text, p{  
    color:#053019  
}
```

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 #053019 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #053019
}
```

## Border

The CSS property to change the border of an element to Hex 053019 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".

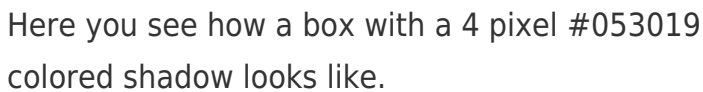
```
.border, #border, table{ border:4px solid
#053019 }
```

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

```
.border{ border-color:#053019 }
```

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

Here you see how a box with a 4 pixel #053019 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 #053019; -webkit-box-shadow:4px 4px  
4px 4px #053019; box-shadow:4px 4px 4px  
4px #053019 }
```

# Background

The CSS property to change the background color of an element to Hex 053019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#053019 }
```

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

```
.background{ background-color:#053019 }
```

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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