

Converting Colors

Hex(030019)

Have a look what the booklet for
Hex(030019) contains.

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Color

Hex(030019)

Conversions

Conversions Part 1

Format	Color
Hex	030019
RGB	3, 0, 25
RGB Percent	1%, 0%, 10%
CMY	0.9882, 1.0000, 0.9020
CMYK	0.88, 1.00, 0.00, 0.90
HSL	247°, 100%, 5%
HSV	247°, 100%, 10%
XYZ	0.2130, 0.0895, 0.9258
YIQ	3.7470, -6.2370, 8.4110

Conversions

Conversions Part 2

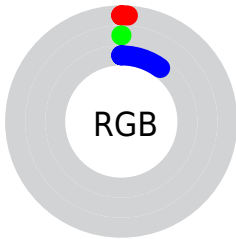
Format	Color
RYB	3, 0, 25
Decimal	196633
CIELab	0.81, 5.24, -11.85
CIELCh	1, 12.954, 293.859
Yxy	0.0895, 0.1734, 0.0729
Android (android.graphics.Color)	4278386713 (0xFF030019)
YUV	3.7470, 10.4777, -0.6551
Hunter-Lab	2.9924, 7.4700, -16.2477

Details

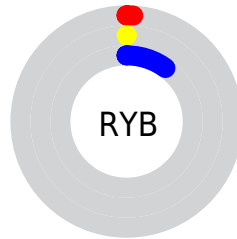
The Hex color **030019** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **161900**, and the grayscale version is **040404**.

A 20% lighter version of the original color is **313043**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **030019**, and if you desaturate by 10%, it is **050319**.

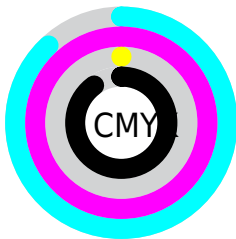
Distribution



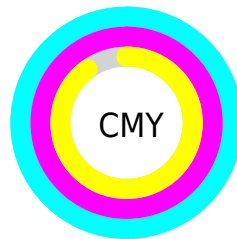
- Red (1%)
- Green (0%)
- Blue (10%)



- Red (1%)
- Yellow (0%)
- Blue (10%)



- Cyan (88%)
- Magenta (100%)
- Yellow (0%)
- Black (90%)



- Cyan (99%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 030019 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 030019 by changing the saturation by 10% instead.

■ 030019

■ 030019

■ E4E2FB

■ 000000

■ 313043

■ 47475B

■ 5F5E74

■ 78778D

■ 9291A7

■ ADABC3

■ C8C6DF

■ 030019

■ 050319

■ 070519

■ 0A0819

■ 0C0A19

■ 0E0D19

■ 100F19

■ 121219

■ 151419

■ 171719

Harmonies

Analogous

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



00051A



030019



130013

Triad

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



030019



150000



000600

Complementary

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



030019



161900

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.



000600



030019



080200

Square

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



030019



1B0000



000600



00060F

Rectangle

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



030019



19000C



000600

Sweetspot

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



030019



181721



001619



0C0B12



919191



121212

Same Dimension

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



030019



040021



0F0019



0C0B0D



09004D



1800CC

Inverse Universe

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



190016



21001D



0A1900



0D0B0D



4D0043



CC00B4

Previews

White Background



This preview shows how the Hex color 030019 looks on a white background.

Color Contrast Check

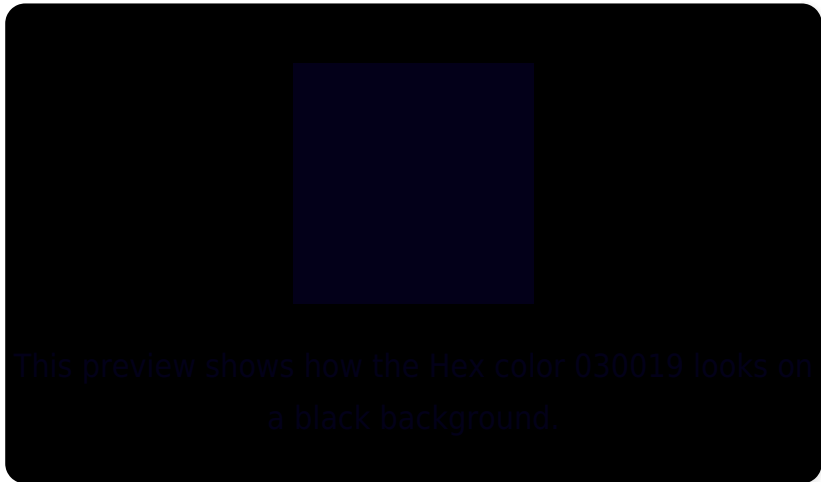
Large Text (above 18pt) WCAG AA ✓ Pass

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

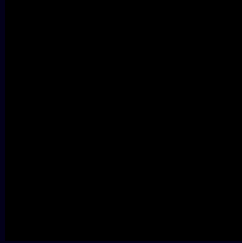
Any Text WCAG AA × Fail

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 030019 Background



This preview shows how black text looks on a background with the Hex color 030019.



This preview shows how white text looks on a background with the Hex color 030019.

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](#).

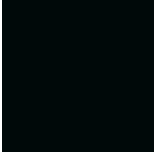
Dichromacy



Original Color
030019

Protanopia
000710

Deuteranopia
00080D



Tritanopia
000909

Trichromacy



Original Color
030019

Protanomaly
010413

Deuteranomaly
010511

Tritanomaly
01060F

Monochromacy



Original Color
030019

Achromatopsia
040404

Achromatomaly
04030C

CSS Examples

Text

The CSS property to change the color of the text to Hex 030019 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 #030019 looks like.

```
.text, #text, p{  
    color:#030019  
}
```

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 #030019 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #030019
}
```

Border

The CSS property to change the border of an element to Hex 030019 is called "border". The border property can be set on classes, ids or directly on the HTML element.

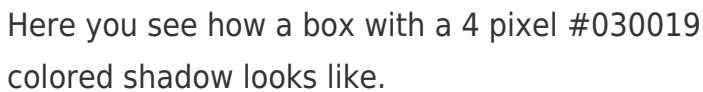
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#030019 }
```

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

```
.border{ border-color:#030019 }
```

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



Here you see how a box with a 4 pixel #030019 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #030019; -webkit-box-shadow:4px 4px  
4px 4px #030019; box-shadow:4px 4px 4px  
4px #030019 }
```

Background

The CSS property to change the background color of an element to Hex 030019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#030019 }
```

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

```
.background{ background-color:#030019 }
```

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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