

Converting Colors

Hex(031019)

Have a look what the booklet for
Hex(031019) contains.

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Color

Hex(031019)

Conversions

Conversions Part 1

Format	Color
Hex	031019
RGB	3, 16, 25
RGB Percent	1%, 6%, 10%
CMY	0.9882, 0.9373, 0.9020
CMYK	0.88, 0.36, 0.00, 0.90
HSL	205°, 79%, 5%
HSV	205°, 88%, 10%
XYZ	0.3983, 0.4601, 0.9875
YIQ	13.1390, -10.6370, 0.0430

Conversions

Conversions Part 2

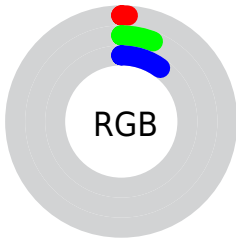
Format	Color
RYB	3, 11, 25
Decimal	200729
CIELab	4.16, -1.60, -6.96
CIELCh	4, 7.138, 257.057
Yxy	0.4601, 0.2158, 0.2493
Android (android.graphics.Color)	4278390809 (0xFF031019)
YUV	13.1390, 5.8475, -8.8919
Hunter-Lab	6.7833, -1.3893, -3.8833

Details

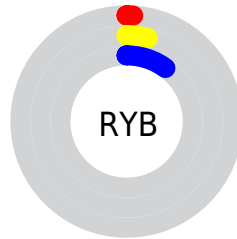
The Hex color **031019** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **190C03**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **313B44**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **010F19**, and if you desaturate by 10%, it is **061119**.

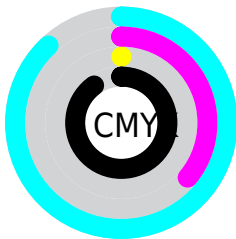
Distribution



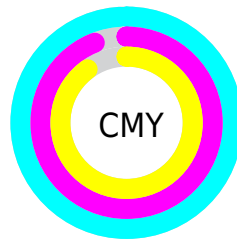
- Red (1%)
- Green (6%)
- Blue (10%)



- Red (1%)
- Yellow (4%)
- Blue (10%)



- Cyan (88%)
- Magenta (36%)
- Yellow (0%)
- Black (90%)



- Cyan (99%)
- Magenta (94%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 031019 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 031019 by changing the saturation by 10% instead.

■ 031019

■ 031019

■ E4F0FB

■ 000000

■ 313B44

■ 47525B

■ 5F6A74

■ 78838D

■ 929DA8

■ ADB8C3

■ C8D3DF

■ 031019

■ 031019

■ 010F19

■ 061119

■ 000F19

■ 081219

■ 0B1319

■ 0D1419

■ 101519

■ 121619

■ 151719

■ 171819

■ 1A1919

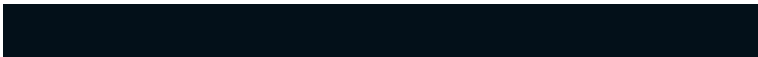
Harmonies

Analogous

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



001217



031019



0D0E19

Triad

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



031019



1B0A0A



071103

Complementary

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



031019



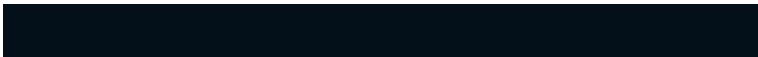
190C03

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.



100F00



031019



1A0B03

Square

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



031019



190A12



160D00



00120B

Rectangle

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



031019



120C18



160D00



0A1101

Sweetspot

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



031019



191E21



03190C



0C1012



919191



121212

Same Dimension

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



031019



001421



030519



0B0C0D



002D4D



0079CC

Inverse Universe

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



190310



210014



191703



0D0B0C



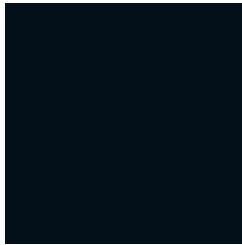
4D002D



CC0079

Previews

White Background



This preview shows how the Hex color 031019 looks on a white background.

Color Contrast Check

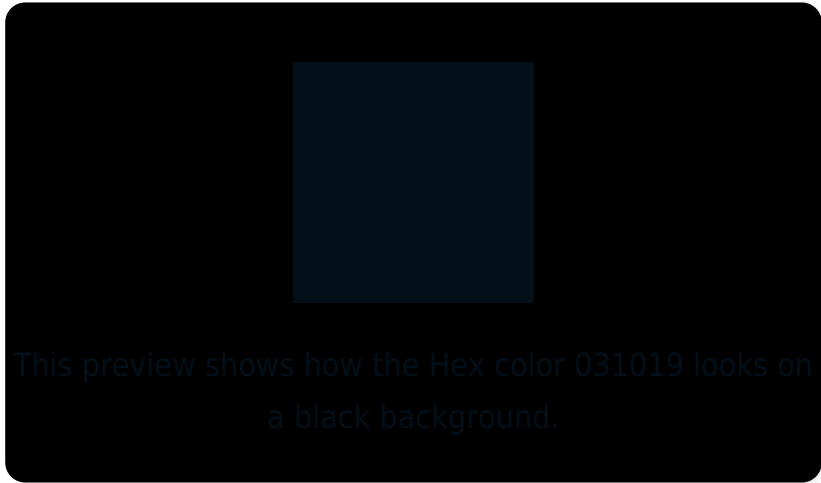
Large Text (above 18pt) WCAG AA ✓ Pass

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

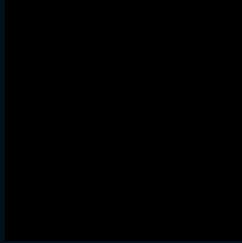
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

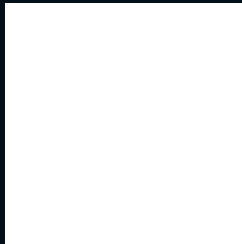
Any Text WCAG AAA × Fail

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

Hex 031019 Background



This preview shows how black text looks on a background with the Hex color 031019.



This preview shows how white text looks on a background with the Hex color 031019.

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
031019

Protanopia
0C0F18

Deuteranopia
090F19



Tritanopia
001112

Trichromacy



Original Color
031019

Protanomaly
090F18

Deuteranomaly
070F19

Tritanomaly
011115

Monochromacy



Original Color
031019

Achromatopsia
0D0D0D

Achromatomaly
090E11

CSS Examples

Text

The CSS property to change the color of the text to Hex 031019 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 #031019 looks like.

```
.text, #text, p{  
    color:#031019  
}
```

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 #031019 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #031019
}
```

Border

The CSS property to change the border of an element to Hex 031019 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
#031019 }
```

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

```
.border{ border-color:#031019 }
```

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

Here you see how a box with a 4 pixel #031019 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #031019; -webkit-box-shadow:4px 4px  
4px 4px #031019; box-shadow:4px 4px 4px  
4px #031019 }
```

Background

The CSS property to change the background color of an element to Hex 031019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#031019 }
```

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

```
.background{ background-color:#031019 }
```

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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