

Converting Colors

Hex(031703)

Have a look what the booklet for
Hex(031703) contains.

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Color

Hex(031703)

Conversions

Conversions Part 1

Format	Color
Hex	031703
RGB	3, 23, 3
RGB Percent	1%, 9%, 1%
CMY	0.9882, 0.9098, 0.9882
CMYK	0.87, 0.00, 0.87, 0.91
HSL	120°, 77%, 5%
HSV	120°, 87%, 9%
XYZ	0.3604, 0.6387, 0.1904
YIQ	14.7400, -5.5000, -10.4600

Conversions

Conversions Part 2

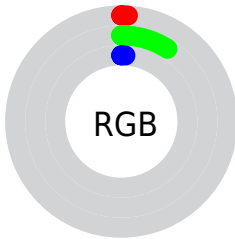
Format	Color
RYB	3, 23, 23
Decimal	202499
CIELab	5.77, -10.11, 7.22
CIElCh	6, 12.422, 144.444
Yxy	0.6387, 0.3030, 0.5369
Android (android.graphics.Color)	4278392579 (0xFF031703)
YUV	14.7400, -5.7878, -10.2960
Hunter-Lab	7.9920, -5.9370, 4.1816

Details

The Hex color **031703** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **170317**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **314132**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **011701**, and if you desaturate by 10%, it is **051705**.

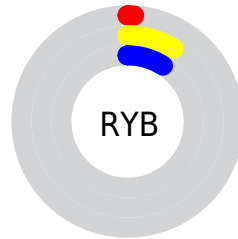
Distribution



Red (1%)

Green (9%)

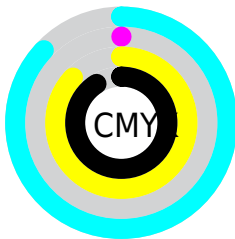
Blue (1%)



Red (1%)

Yellow (9%)

Blue (9%)

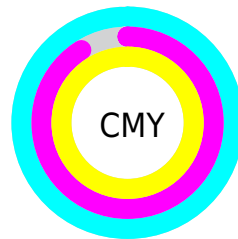


Cyan (87%)

Magenta (0%)

Yellow (87%)

Black (91%)



Cyan (99%)

Magenta (91%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 031703 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 031703 by changing the saturation by 10% instead.

 031703

 031703

 E4F8E5

 000000

 314132

 485848

 5F7160

 788A79

 92A593

 ADC0AD

 C8DCC8

 031703

 031703

■ 011701

■ 051705

■ 001700

■ 081708

■ 0A170A

■ 0C170C

■ 0E170E

■ 111711

■ 131713

■ 151715

■ 181718

Harmonies

Analogous

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



111500



031703



001810

Triad

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



031703



021423



230C09

Complementary

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



031703



170317

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.



220B15



031703



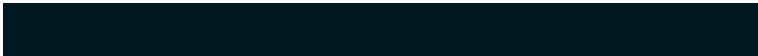
121122

Square

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



031703



001720



1C0E1D



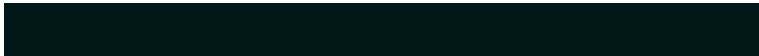
210E00

Rectangle

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



031703



001817



1C0E1D



230B0E

Sweetspot

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



031703



171F17



171703



0B0F0B



8F8F8F



0F0F0F

Same Dimension

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



031703



001F00



03170D



0B0D0B



004D00



00CC00

Inverse Universe

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



170317



1F001F



17030D



0D0B0D



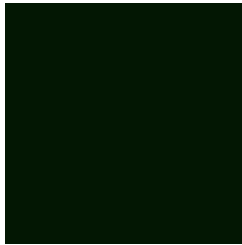
4D004D



CC00CC

Previews

White Background



This preview shows how the Hex color 031703 looks on a white background.

Color Contrast Check

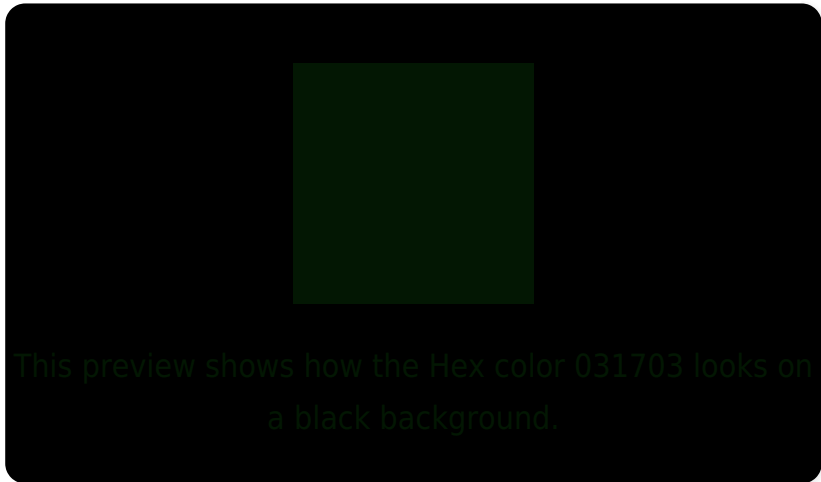
Large Text (above 18pt) WCAG AA ✓ Pass

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

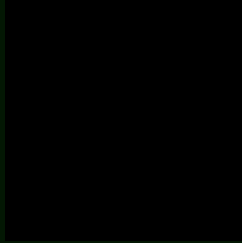
Any Text WCAG AA × Fail

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 031703 Background



This preview shows how black text looks on a background with the Hex color 031703.



This preview shows how white text looks on a background with the Hex color 031703.

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
031703

Protanopia
161402

Deuteranopia
191306



Tritanopia
0A1517

Trichromacy



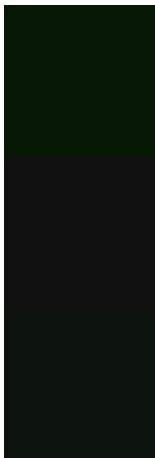
Original Color
031703

Protanomaly
0F1502

Deuteranomaly
111405

Tritanomaly
071610

Monochromacy



Original Color
031703

Achromatopsia
0F0F0F

Achromatomaly
0B120B

CSS Examples

Text

The CSS property to change the color of the text to Hex 031703 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 #031703 looks like.

```
.text, #text, p{  
    color:#031703  
}
```

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 #031703 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #031703
}
```

Border

The CSS property to change the border of an element to Hex 031703 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
#031703 }
```

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

```
.border{ border-color:#031703 }
```

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

Here you see how a box with a 4 pixel #031703 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #031703; -webkit-box-shadow:4px 4px  
4px 4px #031703; box-shadow:4px 4px 4px  
4px #031703 }
```

Background

The CSS property to change the background color of an element to Hex 031703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#031703 }
```

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

```
.background{ background-color:#031703 }
```

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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