

Converting Colors

Hex(02031C)

Have a look what the booklet for
Hex(02031C) contains.

Hex(02031C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(02031C)

Conversions

Conversions Part 1

Format	Color
Hex	02031C
RGB	2, 3, 28
RGB Percent	1%, 1%, 11%
CMY	0.9922, 0.9882, 0.8902
CMYK	0.93, 0.89, 0.00, 0.89
HSL	238°, 87%, 6%
HSV	238°, 93%, 11%
XYZ	0.2672, 0.1619, 1.1158
YIQ	5.5510, -8.6210, 7.5630

Conversions

Conversions Part 2

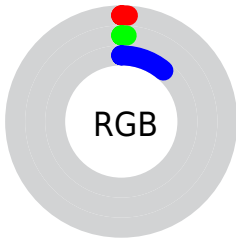
Format	Color
RYB	2, 3, 28
Decimal	131868
CIELab	1.46, 4.64, -13.33
CIElCh	1, 14.119, 289.199
Yxy	0.1619, 0.1730, 0.1048
Android (android.graphics.Color)	4278321948 (0xFF02031C)
YUV	5.5510, 11.0674, -3.1142
Hunter-Lab	4.0233, 4.8138, -13.6263

Details

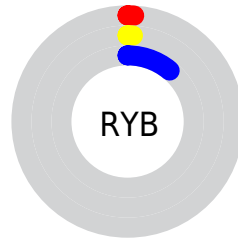
The Hex color **02031C** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1C1B02**, and the grayscale version is **050505**.

A 20% lighter version of the original color is **303247**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00011C**, and if you desaturate by 10%, it is **05061C**.

Distribution



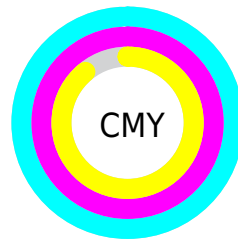
- Red (1%)
- Green (1%)
- Blue (11%)



- Red (1%)
- Yellow (1%)
- Blue (11%)



- Cyan (93%)
- Magenta (89%)
- Yellow (0%)
- Black (89%)



- Cyan (99%)
- Magenta (99%)
- Yellow (89%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02031C 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 02031C by changing the saturation by 10% instead.

■ 02031C

■ 02031C

■ E3E5FF

■ 000000

■ 303247

■ 46495F

■ 5E6078

■ 777991

■ 9193AC

■ ACADC7

■ C7C9E3

■ 02031C

■ 02031C

■ 00011C

■ 05061C

■ 08081C

■ 0A0B1C

■ 0D0E1C

■ 10101C

■ 13131C

■ 16161C

■ 18191C

■ 1B1B1C

Harmonies

Analogous

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



00091D



02031C



140017

Triad

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



02031C



190000



000A00

Complementary

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



02031C



1C1B02

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.



000A00



02031C



0F0300

Square

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



02031C



1E0000



000900



000B0F

Rectangle

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



02031C



1A0011



000900



000A00

Sweetspot

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



02031C



1A1A24



021C1B



0C0C12



919191



121212

Same Dimension

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



02031C



000124



0E021C



0B0C0D



00034D



0008CC

Inverse Universe

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



1C0203



240001



101C02



0D0B0C



4D0003



CC0008

Previews

White Background



This preview shows how the Hex color 02031C looks on a white background.

Color Contrast Check

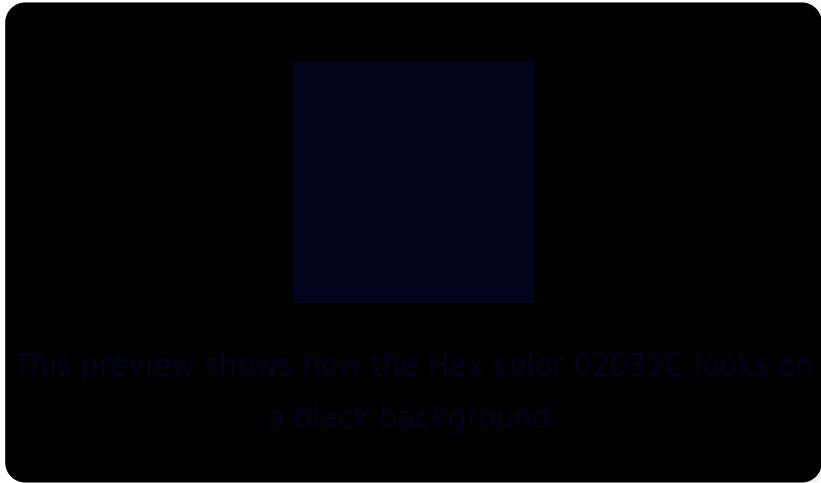
Large Text (above 18pt) WCAG AA ✓ Pass

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

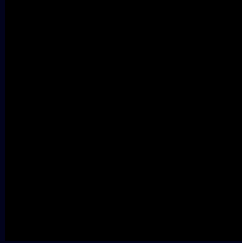
Any Text WCAG AA × Fail

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 02031C Background



This preview shows how black text looks on a background with the Hex color 02031C.



This preview shows how white text looks on a background with the Hex color 02031C.

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
02031C

Protanopia
000812

Deuteranopia
00090F



Tritanopia
000A0A

Trichromacy



Original Color
02031C

Protanomaly
010616

Deuteranomaly
010714

Tritanomaly
010711

Monochromacy



Original Color
02031C

Achromatopsia
060606

Achromatomaly
05050E

CSS Examples

Text

The CSS property to change the color of the text to Hex 02031C 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 #02031C looks like.

```
.text, #text, p{  
    color:#02031C  
}
```

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 #02031C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02031C
}
```

Border

The CSS property to change the border of an element to Hex 02031C is called "border". The border property can be set on classes, ids or directly on the HTML element.

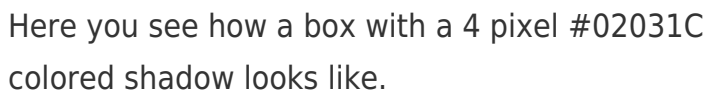
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#02031C }
```

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

```
.border{ border-color:#02031C }
```

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



Here you see how a box with a 4 pixel #02031C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02031C; -webkit-box-shadow:4px 4px  
4px 4px #02031C; box-shadow:4px 4px 4px  
4px #02031C }
```

Background

The CSS property to change the background color of an element to Hex 02031C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02031C }
```

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

```
.background{ background-color:#02031C }
```

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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