

Converting Colors

Hex(031D1F)

Have a look what the booklet for
Hex(031D1F) contains.

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Color

Hex(031D1F)

Conversions

Conversions Part 1

Format	Color
Hex	031D1F
RGB	3, 29, 31
RGB Percent	1%, 11%, 12%
CMY	0.9882, 0.8863, 0.8784
CMYK	0.90, 0.06, 0.00, 0.88
HSL	184°, 82%, 7%
HSV	184°, 90%, 12%
XYZ	0.7242, 0.9970, 1.4506
YIQ	21.4540, -16.1380, -4.8900

Conversions

Conversions Part 2

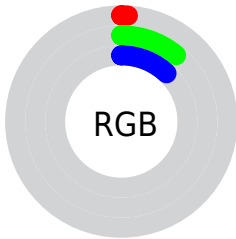
Format	Color
RYB	3, 16, 31
Decimal	204063
CIELab	8.97, -8.98, -4.37
CIElCh	9, 9.987, 205.928
Yxy	0.9970, 0.2283, 0.3143
Android (android.graphics.Color)	4278394143 (0xFF031D1F)
YUV	21.4540, 4.7062, -16.1842
Hunter-Lab	9.9851, -4.5269, -1.6239

Details

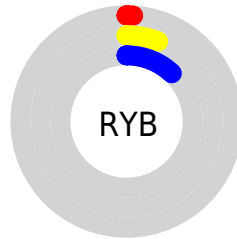
The Hex color **031D1F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **1F0503**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **2F494B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001D1F**, and if you desaturate by 10%, it is **061D1F**.

Distribution



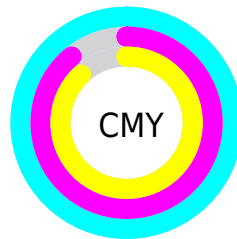
- Red (1%)
- Green (11%)
- Blue (12%)



- Red (1%)
- Yellow (6%)
- Blue (12%)



- Cyan (90%)
- Magenta (6%)
- Yellow (0%)
- Black (88%)



- Cyan (99%)
- Magenta (89%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 031D1F 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 031D1F by changing the saturation by 10% instead.

■ 031D1F

■ 031D1F

■ E4FFFF

■ 000006

■ 2F494B

■ 000000

■ 476063

■ 5F797B

■ 789395

■ 92AEB0

■ ADC9CB

■ C8E5E7

■ 031D1F

■ 031D1F

■ 001D1F

■ 061D1F

■ 091D1F

■ 0C1E1F

■ 0F1E1F

■ 131E1F

■ 161E1F

■ 191F1F

■ 1C1F1F

■ 1F1F1F

Harmonies

Analogous

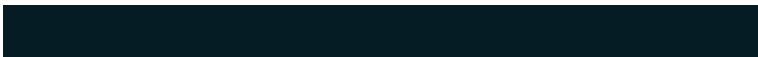
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



071D18



031D1F



051C24

Triad

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



031D1F



211621



201908

Complementary

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



031D1F



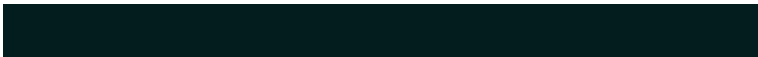
1F0503

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.



24160D



031D1F



26141B

Square

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



031D1F



191825



271514



191B0B

Rectangle

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



031D1F



0B1B26



271514



211809

Sweetspot

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



031D1F



1E2829



031F05



0E1414



949494



141414

Same Dimension

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



031D1F



002629



030F1F



0E0F0F



00494F



00C0CF

Inverse Universe

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



1F031D



290026



1F1303



0F0E0F



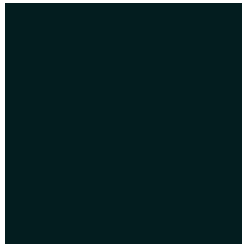
4F0049



CF00C0

Previews

White Background



This preview shows how the Hex color 031D1F looks on a white background.

Color Contrast Check

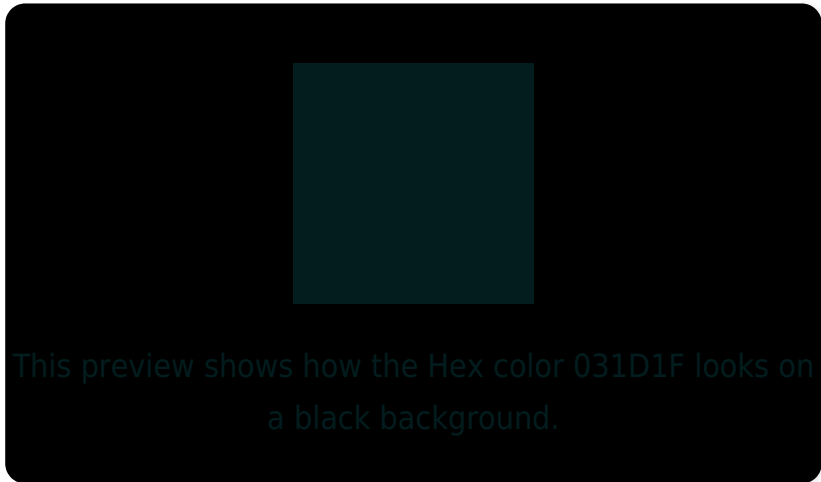
Large Text (above 18pt) WCAG AA ✓ Pass

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

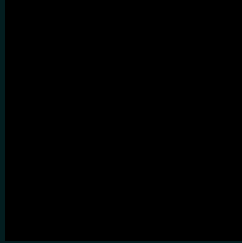
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

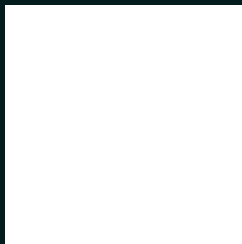
Any Text WCAG AAA × Fail

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

Hex 031D1F Background



This preview shows how black text looks on a background with the Hex color 031D1F.



This preview shows how white text looks on a background with the Hex color 031D1F.

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
031D1F

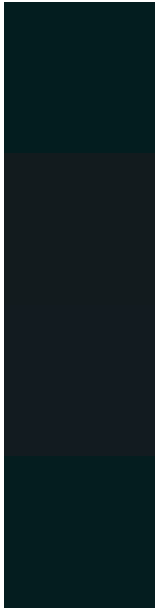
Protanopia
1A1A1D

Deuteranopia
1A1A20



Tritanopia
041D1F

Trichromacy



Original Color
031D1F

Protanomaly
121B1E

Deuteranomaly
121B20

Tritanomaly
041D1F

Monochromacy



Original Color
031D1F

Achromatopsia
151515

Achromatomaly
0E1819

CSS Examples

Text

The CSS property to change the color of the text to Hex 031D1F 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 #031D1F looks like.

```
.text, #text, p{  
    color:#031D1F  
}
```

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 #031D1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #031D1F
}
```

Border

The CSS property to change the border of an element to Hex 031D1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

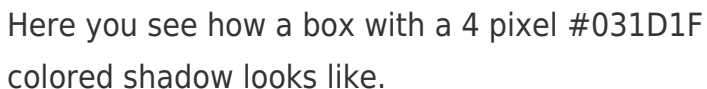
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#031D1F }
```

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

```
.border{ border-color:#031D1F }
```

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



Here you see how a box with a 4 pixel #031D1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #031D1F; -webkit-box-shadow:4px 4px  
4px 4px #031D1F; box-shadow:4px 4px 4px  
4px #031D1F }
```

Background

The CSS property to change the background color of an element to Hex 031D1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#031D1F }
```

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

```
.background{ background-color:#031D1F }
```

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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