

Converting Colors

Hex(031F46)

Have a look what the booklet for
Hex(031F46) contains.

Hex(031F46)	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(031F46)

Conversions

Conversions Part 1

Format	Color
Hex	031F46
RGB	3, 31, 70
RGB Percent	1%, 12%, 27%
CMY	0.9882, 0.8784, 0.7255
CMYK	0.96, 0.56, 0.00, 0.73
HSL	215°, 92%, 14%
HSV	215°, 96%, 27%
XYZ	1.6330, 1.4415, 5.9865
YIQ	27.0740, -29.2070, 6.1930

Conversions

Conversions Part 2

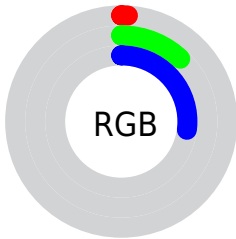
Format	Color
R_YB	3, 23, 70
Decimal	204614
CIE Lab	12.23, 7.33, -27.38
CIE LCh	12, 28.341, 284.994
Yxy	1.4415, 0.1802, 0.1591
Android (android.graphics.Color)	4278394694 (0xFF031F46)
YUV	27.0740, 21.1625, -21.1129
Hunter-Lab	12.0064, 3.2673, -21.1583

Details

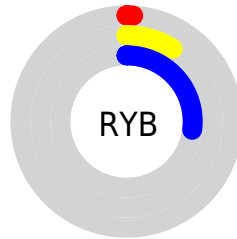
The Hex color **031F46** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **462A03**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **3B4A77**, and **00011A** is the 20% darker color. If you saturate the color by 10%, you get **001D46**, and if you desaturate by 10%, it is **0A2346**.

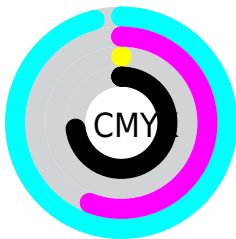
Distribution



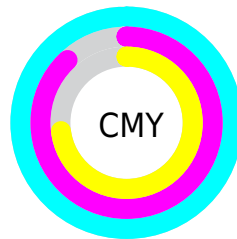
- Red (1%)
- Green (12%)
- Blue (27%)



- Red (1%)
- Yellow (9%)
- Blue (27%)



- Cyan (96%)
- Magenta (56%)
- Yellow (0%)
- Black (73%)



- Cyan (99%)
- Magenta (88%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 031F46 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 031F46 by changing the saturation by 10% instead.

031F46

031F46

F8FFFF

00062F

3B4A77

00011A

546291

000000

6E7BAB

8894C7

A3AFE3

BFCAFF

DBE6FF

031F46

031F46

■ 001D46

■ 0A2346

■ 112746

■ 182B46

■ 1F2F46

■ 263346

■ 2D3746

■ 343C46

■ 3B4046

■ 424446

Harmonies

Analogous

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



002546



031F46



2D163C

Triad

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



031F46



3E1200



002815

Complementary

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



031F46



462A03

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.



0B2600



031F46



311B00

Square

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



031F46



420A17



202200



00292A

Rectangle

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



031F46



390F31



202200



00280D

Sweetspot

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



031F46



414C5C



034629



1E252E



ADADAD



2E2E2E

Same Dimension

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



031F46



00265C



070346



202224



002A63



005FE3

Inverse Universe

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



46031F



5C0026



424603



242022



63002A



E3005F

Previews

White Background



This preview shows how the Hex color 031F46 looks on a white background.

Color Contrast Check

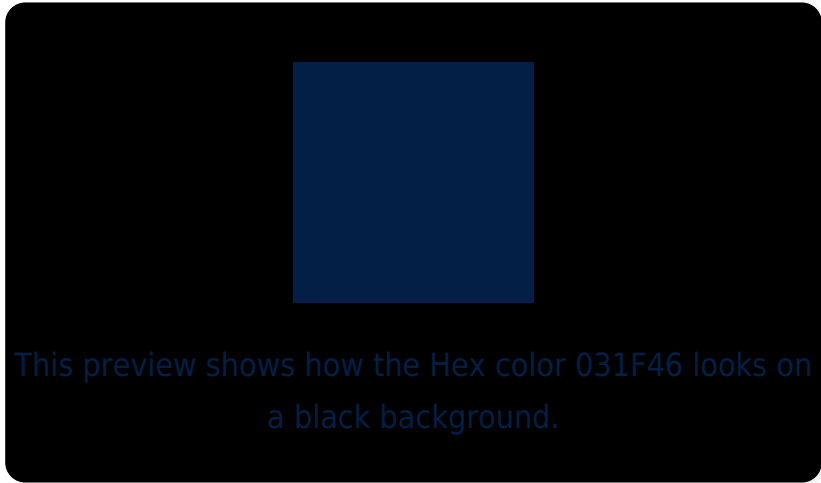
Large Text (above 18pt) WCAG AA ✓ Pass

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

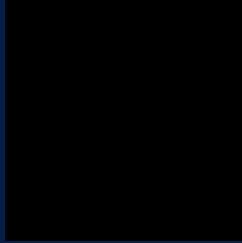
Any Text WCAG AA × Fail

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 031F46 Background



This preview shows how black text looks on a background with the Hex color 031F46.



This preview shows how white text looks on a background with the Hex color 031F46.

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
031F46

Protanopia
002043

Deuteranopia
00223A

Trichromacy



Original Color
031F46

Protanomaly
012044

Deuteranomaly
01213E

Tritanomaly
012332

Monochromacy



Original Color
031F46

Achromatopsia
1B1B1B

Achromatomaly
121C2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 031F46 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 #031F46 looks like.

```
.text, #text, p{  
    color:#031F46  
}
```

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 #031F46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #031F46
}
```

Border

The CSS property to change the border of an element to Hex 031F46 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
#031F46 }
```

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

```
.border{ border-color:#031F46 }
```

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

Here you see how a box with a 4 pixel #031F46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #031F46; -webkit-box-shadow:4px 4px  
4px 4px #031F46; box-shadow:4px 4px 4px  
4px #031F46 }
```

Background

The CSS property to change the background color of an element to Hex 031F46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#031F46 }
```

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

```
.background{ background-color:#031F46 }
```

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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