

Converting Colors

Hex(031F6C)

Have a look what the booklet for
Hex(031F6C) contains.

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Color

Hex(031F6C)

Conversions

Conversions Part 1

Format	Color
Hex	031F6C
RGB	3, 31, 108
RGB Percent	1%, 12%, 42%
CMY	0.9882, 0.8784, 0.5765
CMYK	0.97, 0.71, 0.00, 0.58
HSL	224°, 95%, 22%
HSV	224°, 97%, 42%
XYZ	3.2343, 2.0820, 14.4188
YIQ	31.4060, -41.4050, 18.0110

Conversions

Conversions Part 2

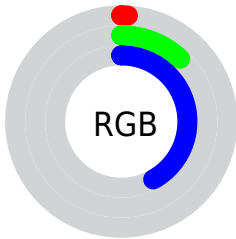
Format	Color
R _Y B	3, 25, 108
Decimal	204652
CIE Lab	15.91, 24.47, -46.92
CIE LCh	16, 52.920, 297.547
Yxy	2.0820, 0.1639, 0.1055
Android (android.graphics.Color)	4278394732 (0xFF031F6C)
YUV	31.4060, 37.7608, -24.9121
Hunter-Lab	14.4293, 14.7594, -49.1463

Details

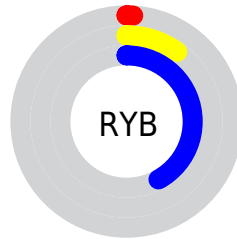
The Hex color **031F6C** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **6C5003**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **494BA0**, and **00003B** is the 20% darker color. If you saturate the color by 10%, you get **001D6C**, and if you desaturate by 10%, it is **0E276C**.

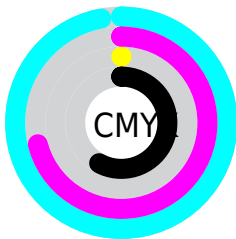
Distribution



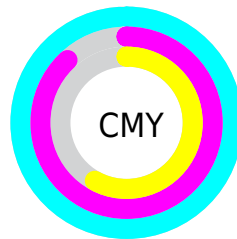
- Red (1%)
- Green (12%)
- Blue (42%)



- Red (1%)
- Yellow (10%)
- Blue (42%)



- Cyan (97%)
- Magenta (71%)
- Yellow (0%)
- Black (58%)



- Cyan (99%)
- Magenta (88%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 031F6C 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 031F6C by changing the saturation by 10% instead.

■ 031F6C

■ 031F6C

FFFFFF

■ 000B53

■ 494BA0

■ 00003B

■ 6563BC

■ 000225

■ 807BD8

■ 00010D

■ 9C95F5

■ 000000

■ B8B0FF

■ D5CBFF

■ F2E8FF

■ 031F6C

■ 031F6C

■ 001D6C

■ 0E276C

■ 192F6C

■ 23376C

■ 2E3F6C

■ 39476C

■ 444F6C

■ 4F566C

■ 595E6C

■ 64666C

Harmonies

Analogous

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



002F75



031F6C



4F0051

Triad

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



031F6C



501000



003523

Complementary

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



031F6C



6C5003

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.



003300



031F6C



352500

Square

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



031F6C



620002



0C2F00



00364A

Rectangle

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



031F6C



5F0039



0C2F00



003516

Sweetspot

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



031F6C



646E8C



036C50



2E3547



C7C7C7



474747

Same Dimension

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



031F6C



00258C



1C036C



303236



001F75



0041F5

Inverse Universe

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



6C031F



8C0025



546C03



363032



75001F



F50041

Previews

White Background



This preview shows how the Hex color 031F6C looks on a white background.

Color Contrast Check

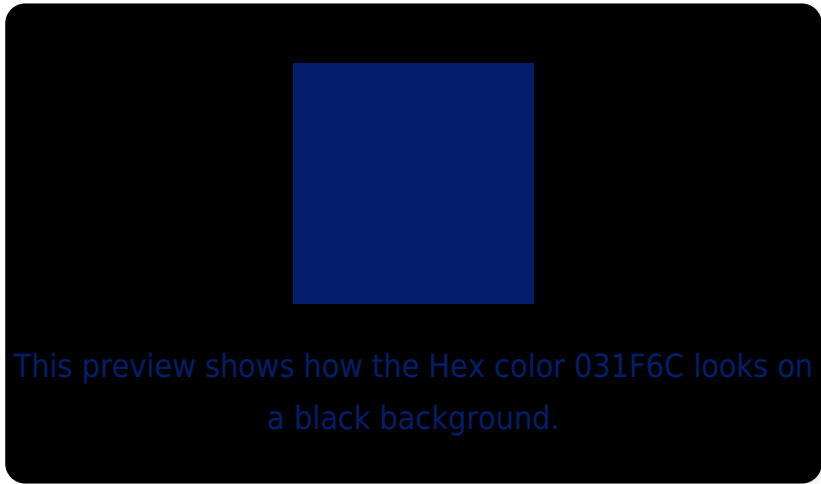
Large Text (above 18pt) WCAG AA ✓ Pass

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

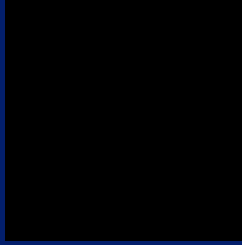
Any Text WCAG AA × Fail

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 031F6C Background



This preview shows how black text looks on a background with the Hex color 031F6C.



This preview shows how white text looks on a background with the Hex color 031F6C.

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
031F6C

Protanopia
002753

Deuteranopia
002A47

Trichromacy



Original Color
031F6C

Protanomaly
01245C

Deuteranomaly
012654

Tritanomaly
012846

Monochromacy



Original Color
031F6C

Achromatopsia
1F1F1F

Achromatomaly
151F3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 031F6C 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 #031F6C looks like.

```
.text, #text, p{  
    color:#031F6C  
}
```

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 #031F6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #031F6C
}
```

Border

The CSS property to change the border of an element to Hex 031F6C 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
#031F6C }
```

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

```
.border{ border-color:#031F6C }
```

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

Here you see how a box with a 4 pixel #031F6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #031F6C; -webkit-box-shadow:4px 4px  
4px 4px #031F6C; box-shadow:4px 4px 4px  
4px #031F6C }
```

Background

The CSS property to change the background color of an element to Hex 031F6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#031F6C }
```

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

```
.background{ background-color:#031F6C }
```

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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