

Converting Colors

Hex(031A6C)

Have a look what the booklet for
Hex(031A6C) contains.

Hex(031A6C)	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(031A6C)

Conversions

Conversions Part 1

Format	Color
Hex	031A6C
RGB	3, 26, 108
RGB Percent	1%, 10%, 42%
CMY	0.9882, 0.8980, 0.5765
CMYK	0.97, 0.76, 0.00, 0.58
HSL	227°, 95%, 22%
HSV	227°, 97%, 42%
XYZ	3.1137, 1.8409, 14.3786
YIQ	28.4710, -40.0300, 20.6260

Conversions

Conversions Part 2

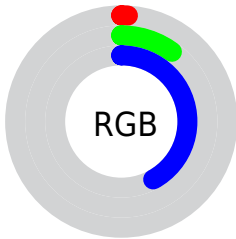
Format	Color
RYB	3, 22, 108
Decimal	203372
CIELab	14.63, 27.97, -49.04
CIELCh	15, 56.452, 299.695
Yxy	1.8409, 0.1611, 0.0952
Android (android.graphics.Color)	4278393452 (0xFF031A6C)
YUV	28.4710, 39.2078, -22.3381
Hunter-Lab	13.5678, 17.2208, -53.3354

Details

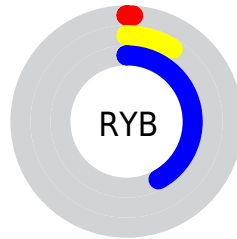
The Hex color **031A6C** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **6C5503**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **4A45A0**, and **00023B** is the 20% darker color. If you saturate the color by 10%, you get **00186C**, and if you desaturate by 10%, it is **0E226C**.

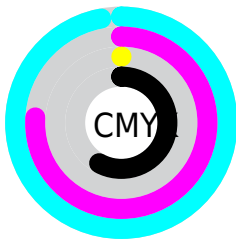
Distribution



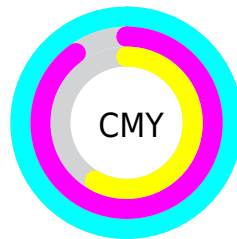
- Red (1%)
- Green (10%)
- Blue (42%)



- Red (1%)
- Yellow (9%)
- Blue (42%)



- Cyan (97%)
- Magenta (76%)
- Yellow (0%)
- Black (58%)



- Cyan (99%)
- Magenta (90%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 031A6C 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 031A6C by changing the saturation by 10% instead.

■ 031A6C

■ 031A6C

FFFEFF

■ 000453

■ 4A45A0

■ 00023B

■ 655DBC

■ 000225

■ 8176D8

■ 00010D

■ 9D90F5

■ 000000

■ B9AAFF

■ D6C6FF

■ F4E2FF

■ 031A6C

■ 031A6C

■ 00186C

■ 0E226C

■ 192B6C

■ 23336C

■ 2E3C6C

■ 39446C

■ 444D6C

■ 4F556C

■ 595D6C

■ 64666C

Harmonies

Analogous

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



002C77



031A6C



50004E

Triad

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



031A6C



4D0D00



003423

Complementary

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



031A6C



6C5503

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.



003100



031A6C



2F2400

Square

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



031A6C



600000



002D00



00344C

Rectangle

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



031A6C



600034



002D00



003315

Sweetspot

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



031A6C



646C8C



036C54



2E3447



C7C7C7



474747

Same Dimension

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



031A6C



001F8C



1F036C



303136



001A75



0036F5

Inverse Universe

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



6C031A



8C001F



506C03



363031



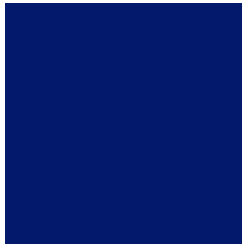
75001A



F50036

Previews

White Background



This preview shows how the Hex color 031A6C looks on a white background.

Color Contrast Check

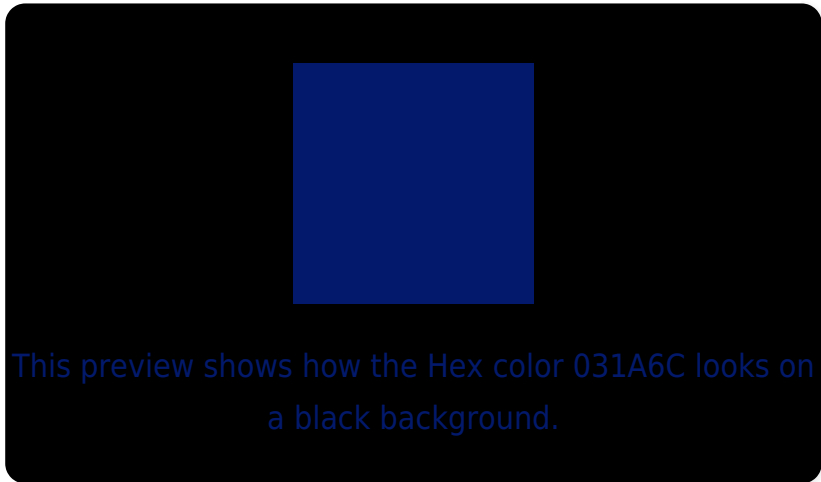
Large Text (above 18pt) WCAG AA ✓ Pass

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

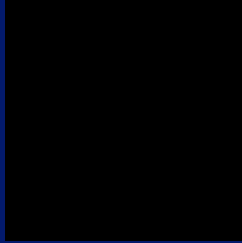
Any Text WCAG AA × Fail

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 031A6C Background



This preview shows how black text looks on a background with the Hex color 031A6C.



This preview shows how white text looks on a background with the Hex color 031A6C.

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
031A6C

Protanopia
00254E

Deuteranopia
002842



Tritanopia
002B2D

Trichromacy



Original Color
031A6C

Protanomaly
012159

Deuteranomaly
012351

Tritanomaly
012544

Monochromacy



Original Color
031A6C

Achromatopsia
1C1C1C

Achromatomaly
131B39

CSS Examples

Text

The CSS property to change the color of the text to Hex 031A6C 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 #031A6C looks like.

```
.text, #text, p{  
    color:#031A6C  
}
```

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 #031A6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #031A6C
}
```

Border

The CSS property to change the border of an element to Hex 031A6C 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
#031A6C }
```

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

```
.border{ border-color:#031A6C }
```

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

Here you see how a box with a 4 pixel #031A6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #031A6C; -webkit-box-shadow:4px 4px  
4px 4px #031A6C; box-shadow:4px 4px 4px  
4px #031A6C }
```

Background

The CSS property to change the background color of an element to Hex 031A6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#031A6C }
```

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

```
.background{ background-color:#031A6C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor