

# Converting Colors

Hex(031B67)

Have a look what the booklet for  
Hex(031B67) contains.

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# Color

**Hex(031B67)**

# Conversions

## Conversions Part 1

Format	Color
Hex	031B67
RGB	3, 27, 103
RGB Percent	1%, 11%, 40%
CMY	0.9882, 0.8941, 0.5961
CMYK	0.97, 0.74, 0.00, 0.60
HSL	226°, 94%, 21%
HSV	226°, 97%, 40%
XYZ	2.8777, 1.7825, 13.0243
YIQ	28.4880, -38.7000, 18.5480

# Conversions

## Conversions Part 2

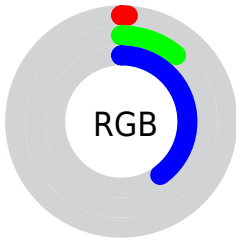
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 22, 103
Decimal	203623
CIE <sub>Lab</sub>	14.30, 25.23, -46.30
CIE <sub>LCh</sub>	14, 52.725, 298.584
Yxy	1.7825, 0.1627, 0.1008
Android (android.graphics.Color)	4278393703 (0xFF031B67)
YUV	28.4880, 36.7344, -22.3530
Hunter-Lab	13.3510, 15.1094, -48.4936

# Details

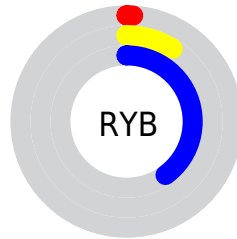
The Hex color **031B67** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **674F03**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **48469B**, and **000437** is the 20% darker color. If you saturate the color by 10%, you get **001967**, and if you desaturate by 10%, it is **0D2367**.

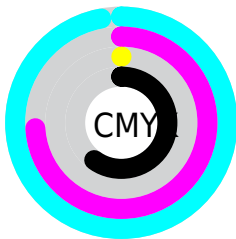
# Distribution



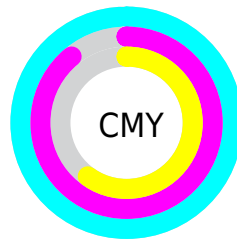
- Red (1%)
- Green (11%)
- Blue (40%)



- Red (1%)
- Yellow (9%)
- Blue (40%)



- Cyan (97%)
- Magenta (74%)
- Yellow (0%)
- Black (60%)



- Cyan (99%)
- Magenta (89%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 031B67 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 031B67 by changing the saturation by 10% instead.





031B67



031B67

FFFFFF



00054E



48469B



000437



635EB6



000220



7E77D2



000005



9A90EF



000000



B6ABFF



D3C6FF



F0E2FF



031B67



031B67

■ 001967

■ 0D2367

■ 182B67

■ 223267

■ 2C3A67

■ 374267

■ 414A67

■ 4B5267

■ 555A67

■ 606167

# Harmonies

## Analogous

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



002B71



031B67



4C004C

# Triad

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



031B67



4B0E00



003221

# Complementary

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



031B67



674F03

# 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.



003000



031B67



302300

# Square

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



031B67



5D0000



052C00



003247

# Rectangle

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



031B67



5B0034



052C00



003214



# Sweetspot

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



031B67



606987



03674E



2D3345



C4C4C4



454545



# Same Dimension

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



031B67



002087



1C0367



2E2F33



001C73



003AF2



# Inverse Universe

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



67031B



870020



4E6703



332E2F



73001C



F2003A



# Previews

## White Background



This preview shows how the Hex color 031B67 looks on a white background.

## Color Contrast Check

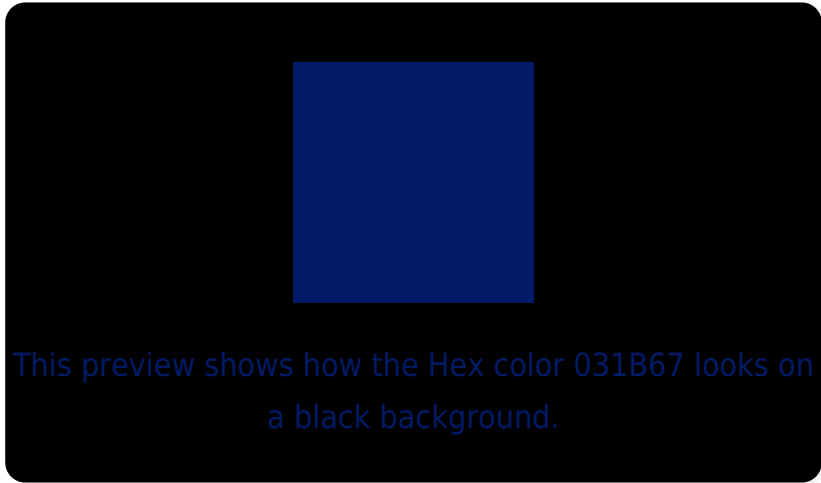
Large Text (above 18pt) WCAG AA ✓ Pass

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

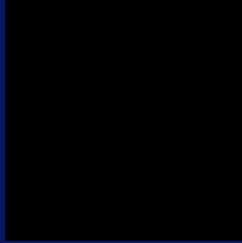
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 031B67 Background



This preview shows how black text looks on a background with the Hex color 031B67.



This preview shows how white text looks on a background with the Hex color 031B67.

# 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**  
031B67

**Protanopia**  
00244D

**Deuteranopia**  
002741



# Trichromacy



**Original Color**  
031B67

**Protanomaly**  
012156

**Deuteranomaly**  
01234F

**Tritanomaly**  
012541

# Monochromacy



**Original Color**  
031B67

**Achromatopsia**  
1C1C1C

**Achromatomaly**  
131C37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 031B67 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 #031B67 looks like.

```
.text, #text, p{  
    color:#031B67  
}
```

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 #031B67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #031B67
}
```

## Border

The CSS property to change the border of an element to Hex 031B67 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
#031B67 }
```

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

```
.border{ border-color:#031B67 }
```

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

Here you see how a box with a 4 pixel #031B67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #031B67; -webkit-box-shadow:4px 4px  
4px 4px #031B67; box-shadow:4px 4px 4px  
4px #031B67 }
```

# Background

The CSS property to change the background color of an element to Hex 031B67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#031B67 }
```

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

```
.background{ background-color:#031B67 }
```

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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