

Converting Colors

Hex(001731)

Have a look what the booklet for
Hex(001731) contains.

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Color

Hex(001731)

Conversions

Conversions Part 1

Format	Color
Hex	001731
RGB	0, 23, 49
RGB Percent	0%, 9%, 19%
CMY	1.0000, 0.9098, 0.8078
CMYK	1.00, 0.53, 0.00, 0.81
HSL	212°, 100%, 10%
HSV	212°, 100%, 19%
XYZ	0.8608, 0.8345, 3.0214
YIQ	19.0870, -22.0540, 3.2100

Conversions

Conversions Part 2

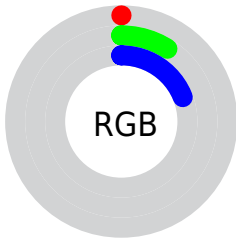
Format	Color
RYB	0, 16, 49
Decimal	5937
CIELab	7.54, 2.76, -19.97
CIELCh	8, 20.157, 277.876
Yxy	0.8345, 0.1825, 0.1769
Android (android.graphics.Color)	4278196017 (0xFF001731)
YUV	19.0870, 14.7471, -16.7393
Hunter-Lab	9.1353, 0.8323, -13.2150

Details

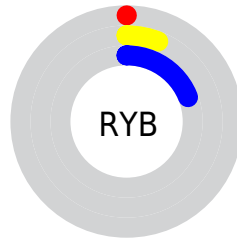
The Hex color **001731** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **311A00**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **31415F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001731**, and if you desaturate by 10%, it is **051A31**.

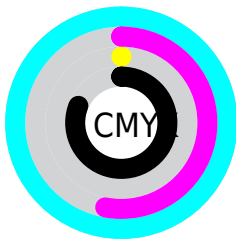
Distribution



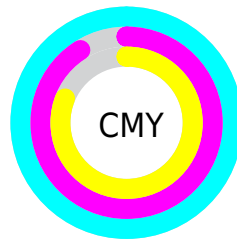
- Red (0%)
- Green (9%)
- Blue (19%)



- Red (0%)
- Yellow (6%)
- Blue (19%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (81%)



- Cyan (100%)
- Magenta (91%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001731 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 001731 by changing the saturation by 10% instead.

 001731

 001731

 E9F8FF

 00021C

 31415F

 000000

 495878

 627192

 7B8AAD

 96A4C8

 B1C0E4

 CDD8FF

 001731

■ 051A31

■ 0A1C31

■ 0F1F31

■ 142131

■ 192431

■ 1D2731

■ 222931

■ 272C31

■ 2C2E31

Harmonies

Analogous

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



001B2F



001731



1B112C

Triad

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



001731



2E0C00



001D08

Complementary

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



001731



311A00

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.



0A1B00



001731



261200

Square

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



001731



2E0913



1B1700



001E1A

Rectangle

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



001731



260D25



1B1700



001D01

Sweetspot

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



001731



2D3640



003119



151B21



A1A1A1



212121

Same Dimension

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



001731



001E40



010031



17181A



002A59



0066D9

Inverse Universe

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



310017



40001E



303100



1A1718



59002A



D90066

Previews

White Background



This preview shows how the Hex color 001731 looks on a white background.

Color Contrast Check

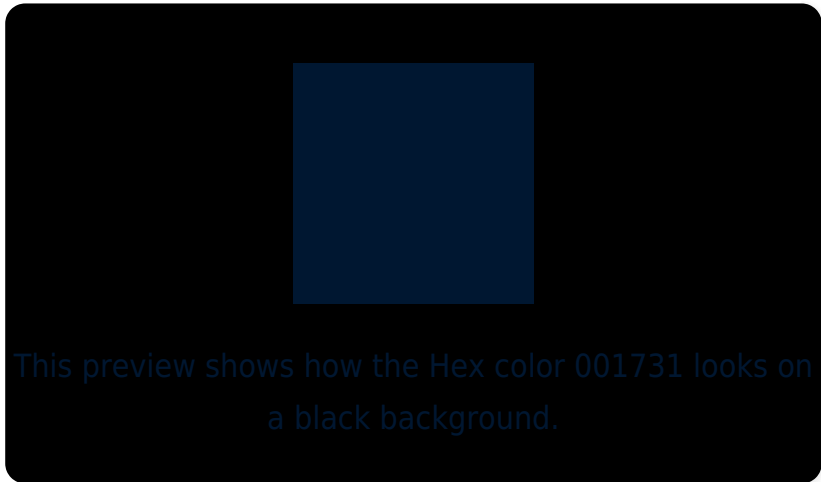
Large Text (above 18pt) WCAG AA ✓ Pass

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

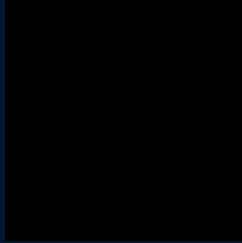
Any Text WCAG AA × Fail

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 001731 Background



This preview shows how black text looks on a background with the Hex color 001731.



This preview shows how white text looks on a background with the Hex color 001731.

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
001731

Protanopia
011731

Deuteranopia
00182A



Tritanopia
001B1C

Trichromacy



Original Color

001731

Protanomaly

011731

Deuteranomaly

00182D

Tritanomaly

001A24

Monochromacy



Original Color

001731

Achromatopsia

131313

Achromatomaly

0C141E

CSS Examples

Text

The CSS property to change the color of the text to Hex 001731 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 #001731 looks like.

```
.text, #text, p{  
    color:#001731  
}
```

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 #001731 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001731
}
```

Border

The CSS property to change the border of an element to Hex 001731 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
#001731 }
```

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

```
.border{ border-color:#001731 }
```

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

Here you see how a box with a 4 pixel #001731 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001731; -webkit-box-shadow:4px 4px  
4px 4px #001731; box-shadow:4px 4px 4px  
4px #001731 }
```

Background

The CSS property to change the background color of an element to Hex 001731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001731 }
```

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

```
.background{ background-color:#001731 }
```

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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