

Converting Colors

Hex(00022C)

Have a look what the booklet for
Hex(00022C) contains.

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Color

Hex(00022C)

Conversions

Conversions Part 1

Format	Color
Hex	00022C
RGB	0, 2, 44
RGB Percent	0%, 1%, 17%
CMY	1.0000, 0.9922, 0.8275
CMYK	1.00, 0.95, 0.00, 0.83
HSL	237°, 100%, 9%
HSV	237°, 100%, 17%
XYZ	0.4763, 0.2253, 2.4012
YIQ	6.1900, -14.6740, 12.6380

Conversions

Conversions Part 2

Format	Color
R_{YB}	0, 2, 44
Decimal	556
CIE Lab	2.03, 10.74, -24.99
CIE LCh	2, 27.202, 293.259
Yxy	0.2253, 0.1535, 0.0726
Android (android.graphics.Color)	4278190636 (0xFF00022C)
YUV	6.1900, 18.6403, -5.4286
Hunter-Lab	4.7462, 9.6084, -26.6742

Details

The Hex color **00022C** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2C2A00**, and the grayscale version is **060606**.

A 20% lighter version of the original color is **2D315A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00022C**, and if you desaturate by 10%, it is **04062C**.

Distribution



- Red (0%)
- Green (1%)
- Blue (17%)



- Red (0%)
- Yellow (1%)
- Blue (17%)



- Cyan (100%)
- Magenta (95%)
- Yellow (0%)
- Black (83%)



- Cyan (100%)
- Magenta (99%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00022C 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 00022C by changing the saturation by 10% instead.

■ 00022C

■ 00022C

■ E5E3FF

■ 000117

■ 2D315A

■ 000000

■ 454873

■ 5E5F8C

■ 7878A7

■ 9292C2

■ ADACDE

■ C9C7FB

■ 00022C

■ 04062C

■ 090A2C

■ 0D0F2C

■ 12132C

■ 16172C

■ 1A1B2C

■ 1F1F2C

■ 23242C

■ 28282C

Harmonies

Analogous

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



000D2E



00022C



1F0021

Triad

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



00022C



220000



000E00

Complementary

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



00022C



2C2A00

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.



000E00



00022C



120500

Square

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



00022C



2A0000



000E00



000F1A

Rectangle

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



00022C



270017



000E00

Sweetspot

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



00022C



272838



002C2A



12121C



9C9C9C



1C1C1C

Same Dimension

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



00022C



000338



14002C



151517



000457



000AD6

Inverse Universe

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



2C0002



380003



182C00



171515



570004



D6000A

Previews

White Background



This preview shows how the Hex color 00022C looks on a white background.

Color Contrast Check

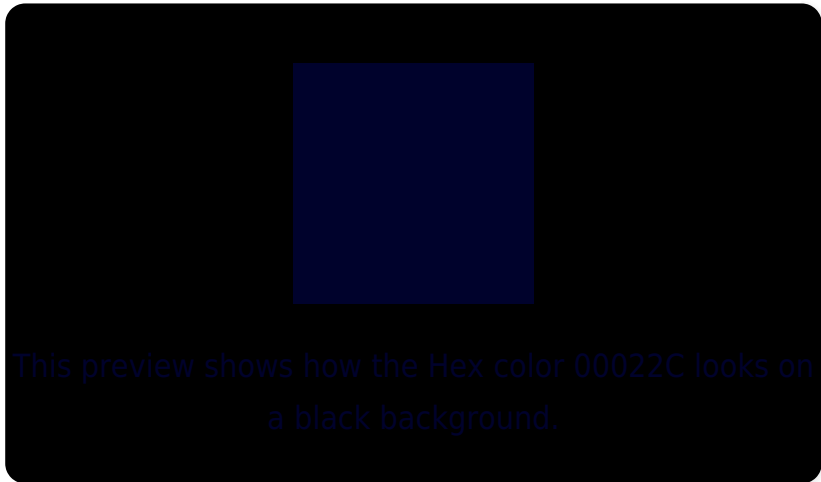
Large Text (above 18pt) WCAG AA ✓ Pass

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

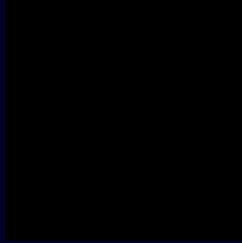
Any Text WCAG AA × Fail

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 00022C Background



This preview shows how black text looks on a background with the Hex color 00022C.



This preview shows how white text looks on a background with the Hex color 00022C.

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
00022C

Protanopia
000D1B

Deuteranopia
000E17



Tritanopia
000F10

Trichromacy



Original Color
0022C

Protanomaly
000921

Deuteranomaly
000A1F

Tritanomaly
000A1A

Monochromacy



Original Color
0022C

Achromatopsia
060606

Achromatomaly
040514

CSS Examples

Text

The CSS property to change the color of the text to Hex 00022C 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 #00022C looks like.

```
.text, #text, p{  
    color:#00022C  
}
```

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 #00022C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00022C
}
```

Border

The CSS property to change the border of an element to Hex 00022C is called "border". The border property can be set on classes, ids or directly on the HTML element.

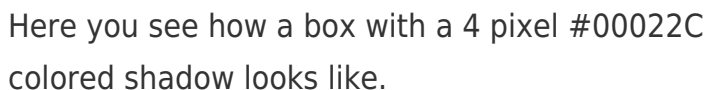
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00022C }
```

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

```
.border{ border-color:#00022C }
```

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



Here you see how a box with a 4 pixel #00022C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00022C; -webkit-box-shadow:4px 4px  
4px 4px #00022C; box-shadow:4px 4px 4px  
4px #00022C }
```

Background

The CSS property to change the background color of an element to Hex 00022C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00022C }
```

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

```
.background{ background-color:#00022C }
```

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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