

Converting Colors

Hex(00022F)

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

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Color

Hex(00022F)

Conversions

Conversions Part 1

Format	Color
Hex	00022F
RGB	0, 2, 47
RGB Percent	0%, 1%, 18%
CMY	1.0000, 0.9922, 0.8157
CMYK	1.00, 0.96, 0.00, 0.82
HSL	237°, 100%, 9%
HSV	237°, 100%, 18%
XYZ	0.5348, 0.2487, 2.7091
YIQ	6.5320, -15.6370, 13.5710

Conversions

Conversions Part 2

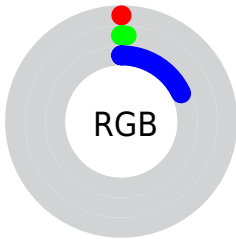
Format	Color
RYB	0, 2, 47
Decimal	559
CIELab	2.25, 12.23, -26.93
CIElCh	2, 29.574, 294.419
Yxy	0.2487, 0.1531, 0.0712
Android (android.graphics.Color)	4278190639 (0xFF00022F)
YUV	6.5320, 19.9507, -5.7286
Hunter-Lab	4.9865, 10.4176, -28.7213

Details

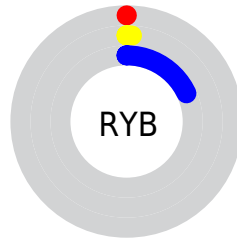
The Hex color **00022F** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2F2D00**, and the grayscale version is **060606**.

A 20% lighter version of the original color is **2E315D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00022F**, and if you desaturate by 10%, it is **05062F**.

Distribution



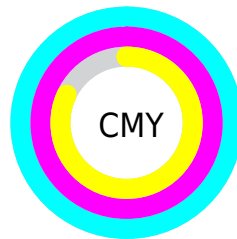
- Red (0%)
- Green (1%)
- Blue (18%)



- Red (0%)
- Yellow (1%)
- Blue (18%)



- Cyan (100%)
- Magenta (96%)
- Yellow (0%)
- Black (82%)



- Cyan (100%)
- Magenta (99%)
- Yellow (82%)

Brightness & Saturation Gradients

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

00022F

00022F

E6E3FF

000119

2E315D

000000

464776

5F5F90

7978AB

9391C6

AEACE2

CAC7FF

00022F

■ 05062F

■ 090B2F

■ 0E0F2F

■ 13142F

■ 18182F

■ 1C1D2F

■ 21212F

■ 26262F

■ 2A2B2F

Harmonies

Analogous

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



000E32



00022F



210023

Triad

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



00022F



240000



000F01

Complementary

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



00022F



2F2D00

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.



000F00



00022F



120600

Square

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



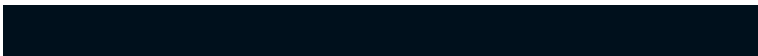
00022F



2C0000



000F00



00101C

Rectangle

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



00022F



290017



000F00

Sweetspot

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



00022F



2B2C3D



002F2D



14141F



9E9E9E



1F1F1F

Same Dimension

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



00022F



00033D



15002F



151517



000457



0009D6

Inverse Universe

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



2F0002



3D0003



1A2F00



171515



570004



D60009

Previews

White Background



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

Color Contrast Check

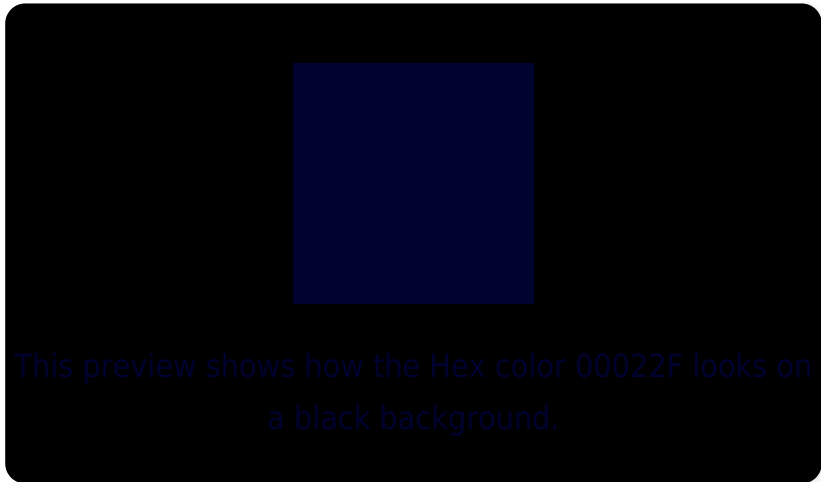
Large Text (above 18pt) WCAG AA ✓ Pass

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

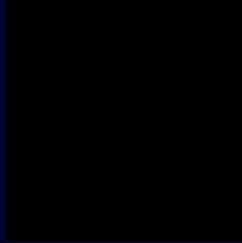
Any Text WCAG AA × Fail

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 00022F Background



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



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

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
00022F

Protanopia
000E1D

Deuteranopia
000F18



Tritanopia
001011

Trichromacy



Original Color
00022F

Protanomaly
000A24

Deuteranomaly
000A20

Tritanomaly
000B1C

Monochromacy



Original Color
00022F

Achromatopsia
070707

Achromatomaly
040516

CSS Examples

Text

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

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

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 #00022F colored shadow looks like.

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

Border

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

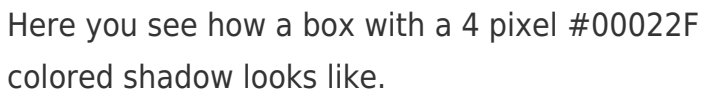
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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