

Converting Colors

Hex(0A022F)

Have a look what the booklet for
Hex(0A022F) contains.

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Color

Hex(0A022F)

Conversions

Conversions Part 1

Format	Color
Hex	0A022F
RGB	10, 2, 47
RGB Percent	4%, 1%, 18%
CMY	0.9608, 0.9922, 0.8157
CMYK	0.79, 0.96, 0.00, 0.82
HSL	251°, 92%, 10%
HSV	251°, 96%, 18%
XYZ	0.6600, 0.3132, 2.7150
YIQ	9.5220, -9.6770, 15.6910

Conversions

Conversions Part 2

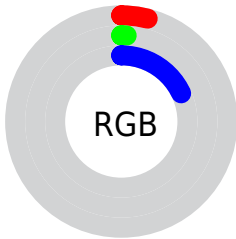
Format	Color
R_{YB}	10, 2, 47
Decimal	655919
CIE Lab	2.83, 14.84, -25.97
CIE LCh	3, 29.908, 299.751
Yxy	0.3132, 0.1789, 0.0849
Android (android.graphics.Color)	4278845999 (0xFF0A022F)
YUV	9.5220, 18.4767, 0.4192
Hunter-Lab	5.5963, 11.2572, -24.8467

Details

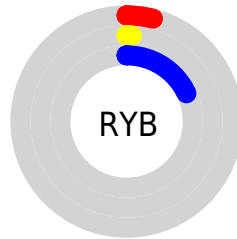
The Hex color **0A022F** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **272F02**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **36315D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **08002F**, and if you desaturate by 10%, it is **0E072F**.

Distribution



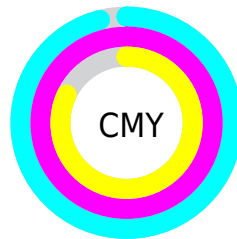
- Red (4%)
- Green (1%)
- Blue (18%)



- Red (4%)
- Yellow (1%)
- Blue (18%)



- Cyan (79%)
- Magenta (96%)
- Yellow (0%)
- Black (82%)



- Cyan (96%)
- Magenta (99%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A022F 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 0A022F by changing the saturation by 10% instead.

■ 0A022F

■ 0A022F

■ EFE3FF

■ 00011A

■ 36315D

■ 000000

■ 4E4776

■ 675F90

■ 8178AB

■ 9B91C6

■ B6ACE2

■ D2C7FF

■ 0A022F

■ 0A022F

■ 08002F

■ 0E072F

■ 120B2F

■ 16102F

■ 19152F

■ 1D192F

■ 211E2F

■ 25232F

■ 29282F

■ 2D2C2F

Harmonies

Analogous

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



000E34



0A022F



250021

Triad

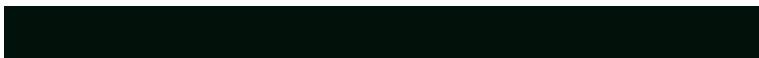
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0A022F



230000



001209

Complementary

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



0A022F



272F02

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.



001200



0A022F



0F0A00

Square

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



0A022F



2C0000



001200



001320

Rectangle

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



0A022F



2C0015



001200

Sweetspot

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



0A022F



2F2B3D



02272F



16141F



9E9E9E



1F1F1F

Same Dimension

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



0A022F



0B003D



20022F



151517



0F0057



2600D6

Inverse Universe

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



2F0227



3D0032



112F02



171517



570047



D600B0

Previews

White Background



This preview shows how the Hex color 0A022F looks on a white background.

Color Contrast Check

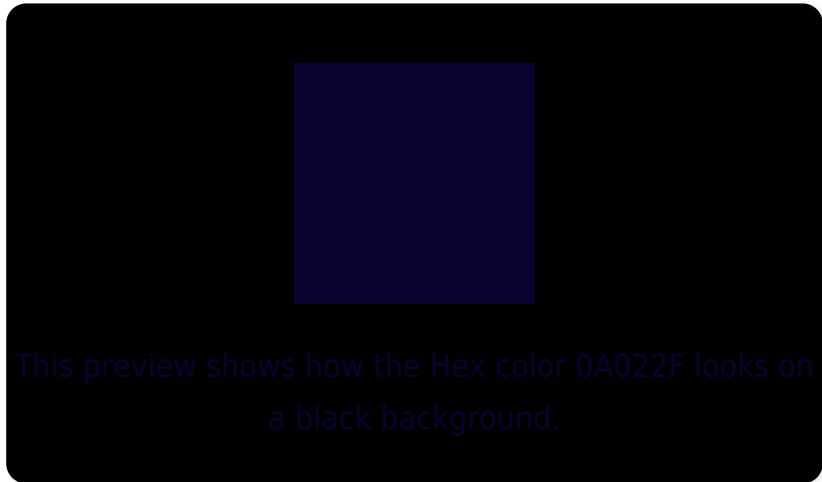
Large Text (above 18pt) WCAG AA ✓ Pass

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

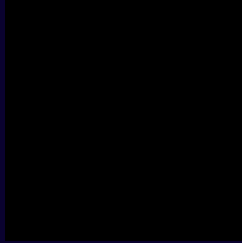
Any Text WCAG AA × Fail

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 0A022F Background



This preview shows how black text looks on a background with the Hex color 0A022F.



This preview shows how white text looks on a background with the Hex color 0A022F.

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
0A022F

Protanopia
000E1E

Deuteranopia
000F1A



Tritanopia
001111

Trichromacy



Original Color
0A022F

Protanomaly
040A24

Deuteranomaly
040A22

Tritanomaly
040C1C

Monochromacy



Original Color
0A022F

Achromatopsia
0A0A0A

Achromatomaly
0A0717

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A022F 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 #0A022F looks like.

```
.text, #text, p{  
    color:#0A022F  
}
```

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 #0A022F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A022F
}
```

Border

The CSS property to change the border of an element to Hex 0A022F is called "border". The border property can be set on classes, ids or directly on the HTML element.

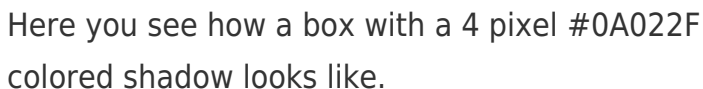
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A022F }
```

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

```
.border{ border-color:#0A022F }
```

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



Here you see how a box with a 4 pixel #0A022F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A022F; -webkit-box-shadow:4px 4px  
4px 4px #0A022F; box-shadow:4px 4px 4px  
4px #0A022F }
```

Background

The CSS property to change the background color of an element to Hex 0A022F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A022F }
```

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

```
.background{ background-color:#0A022F }
```

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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