

# Converting Colors

Hex(022F0C)

Have a look what the booklet for  
Hex(022F0C) contains.

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# Color

Hex(022F0C)

# Conversions

## Conversions Part 1

Format	Color
Hex	022F0C
RGB	2, 47, 12
RGB Percent	1%, 18%, 5%
CMY	0.9922, 0.8157, 0.9529
CMYK	0.96, 0.00, 0.74, 0.82
HSL	133°, 92%, 10%
HSV	133°, 96%, 18%
XYZ	1.1079, 2.0725, 0.6895
YIQ	29.5550, -15.5850, -20.4250

# Conversions

## Conversions Part 2

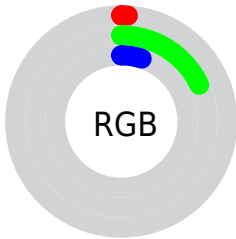
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 39, 47
Decimal	143116
CIE <sub>Lab</sub>	15.86, -23.97, 17.49
CIE <sub>LCh</sub>	16, 29.674, 143.888
Yxy	2.0725, 0.2863, 0.5355
Android (android.graphics.Color)	4278333196 (0xFF022F0C)
YUV	29.5550, -8.6546, -24.1657
Hunter-Lab	14.3961, -11.4560, 7.2377

# Details

The Hex color **022F0C** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2F0225**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **335E37**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002F0A**, and if you desaturate by 10%, it is **072F10**.

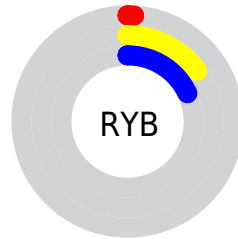
# Distribution



Red (1%)

Green (18%)

Blue (5%)



Red (1%)

Yellow (15%)

Blue (18%)

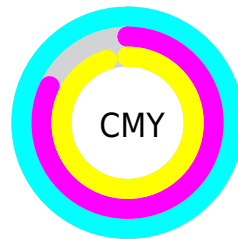


Cyan (96%)

Magenta (0%)

Yellow (74%)

Black (82%)



Cyan (99%)

Magenta (82%)


Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 022F0C 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 022F0C by changing the saturation by 10% instead.



 022F0C

 022F0C

 ECF FED

 001C00

 335E37

 000000

 4B774E

 649067

 7EAB80

 98C79A

 B3E3B5

 CFFFD0

 022F0C

 022F0C

■ 002F0A

■ 072F10

■ 0B2F13

■ 102F17

■ 152F1B

■ 192F1E

■ 1E2F22

■ 232F26

■ 282F29

■ 2C2F2D

# Harmonies

## Analogous

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



232B00



022F0C



003122

# Triad

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



022F0C



002B52



4C1318

# Complementary

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



022F0C



2F0225

# 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.



4A112D



022F0C



1E244E

# Square

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



022F0C



002F49



3C1A41



441C00

# Rectangle

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



022F0C



003131



3C1A41



4D111F



# Sweetspot

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



022F0C



2B3D2F



252F02



141F16



9E9E9E



1F1F1F



# Same Dimension

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



022F0C



003D0E



022F22



151715



005713



00D630



# Inverse Universe

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



2F0225



3D0030



2F020F



171516



570043

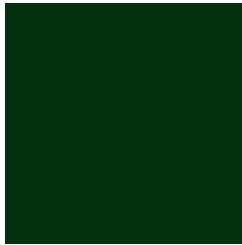


D600A7



# Previews

## White Background



This preview shows how the Hex color 022F0C 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

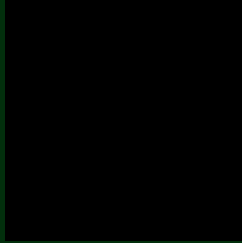
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 022F0C Background



This preview shows how black text looks on a background with the Hex color 022F0C.



This preview shows how white text looks on a background with the Hex color 022F0C.

# 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**  
022F0C

**Protanopia**  
2D280A

**Deuteranopia**  
32260F



**Tritanopia**  
132C2F

# Trichromacy



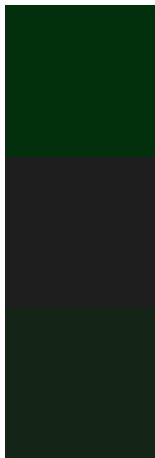
**Original Color**  
022F0C

**Protanomaly**  
1D2B0B

**Deuteranomaly**  
21290E

**Tritanomaly**  
0D2D22

# Monochromacy



**Original Color**  
022F0C

**Achromatopsia**  
1E1E1E

**Achromatomaly**  
142417

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 022F0C 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 #022F0C looks like.

```
.text, #text, p{  
    color:#022F0C  
}
```

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 #022F0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #022F0C
}
```

## Border

The CSS property to change the border of an element to Hex 022F0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

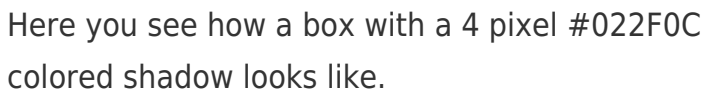
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#022F0C }
```

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

```
.border{ border-color:#022F0C }
```

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



Here you see how a box with a 4 pixel #022F0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #022F0C; -webkit-box-shadow:4px 4px  
4px 4px #022F0C; box-shadow:4px 4px 4px  
4px #022F0C }
```

# Background

The CSS property to change the background color of an element to Hex 022F0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#022F0C }
```

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

```
.background{ background-color:#022F0C }
```

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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