

Converting Colors

Hex(022B0F)

Have a look what the booklet for
Hex(022B0F) contains.

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Color

Hex(022B0F)

Conversions

Conversions Part 1

Format	Color
Hex	022B0F
RGB	2, 43, 15
RGB Percent	1%, 17%, 6%
CMY	0.9922, 0.8314, 0.9412
CMYK	0.95, 0.00, 0.65, 0.83
HSL	139°, 91%, 9%
HSV	139°, 95%, 17%
XYZ	0.9751, 1.7751, 0.7432
YIQ	27.5490, -15.4480, -17.4000

Conversions

Conversions Part 2

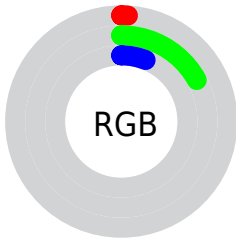
Format	Color
R_{YB}	2, 33, 43
Decimal	142095
CIE _{Lab}	14.26, -21.79, 13.96
CIE _{LCh}	14, 25.873, 147.356
Y _{xy}	1.7751, 0.2791, 0.5081
Android (android.graphics.Color)	4278332175 (0xFF022B0F)
Y _{UV}	27.5490, -6.1867, -22.4065
Hunter-Lab	13.3235, -10.2518, 6.0193

Details

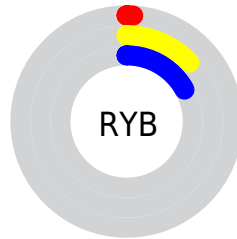
The Hex color **022B0F** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2B021E**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **31593A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002B0E**, and if you desaturate by 10%, it is **062B12**.

Distribution



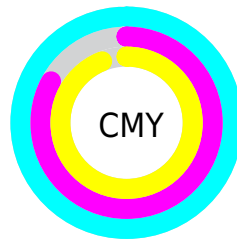
- Red (1%)
- Green (17%)
- Blue (6%)



- Red (1%)
- Yellow (13%)
- Blue (17%)



- Cyan (95%)
- Magenta (0%)
- Yellow (65%)
- Black (83%)



- Cyan (99%)
- Magenta (83%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 022B0F 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 022B0F by changing the saturation by 10% instead.

 022B0F

 022B0F

 E9FFE9

 001700

 31593A

 000000

 497251

 628B69

 7BA682

 96C19C

 B1DDB7

 CCFAD3

 022B0F

 022B0F

■ 002B0E

■ 062B12

■ 0B2B15

■ 0F2B18

■ 132B1B

■ 172B1E

■ 1C2B21

■ 202B24

■ 242B26

■ 292B29

Harmonies

Analogous

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



1E2800



022B0F



002C22

Triad

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



022B0F



002748



441415

Complementary

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



022B0F



2B021E

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.



431227



022B0F



212045

Square

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



022B0F



002B42



381838



3C1B00

Rectangle

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



022B0F



002D2E



381838



45131A

Sweetspot

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



022B0F



28382D



1E2B02



121C15



9C9C9C



1C1C1C

Same Dimension

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



022B0F



003812



022B23



121413



00541B



00D443

Inverse Universe

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



2B021E



380026



2B020A



141214



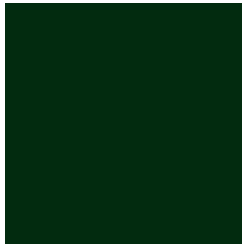
540039



D40091

Previews

White Background



This preview shows how the Hex color 022B0F looks on a white background.

Color Contrast Check

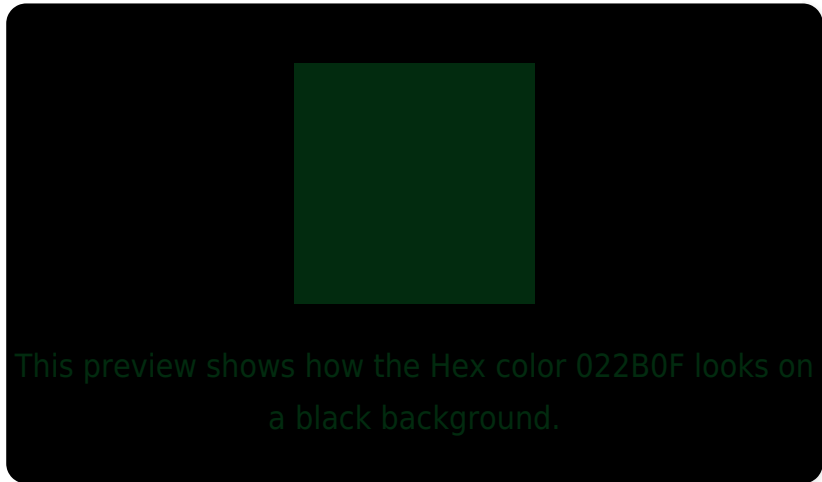
Large Text (above 18pt) WCAG AA ✓ Pass

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

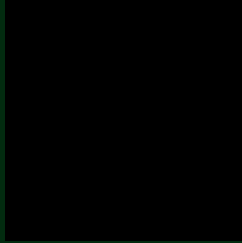
Any Text WCAG AA × Fail

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 022B0F Background



This preview shows how black text looks on a background with the Hex color 022B0F.



This preview shows how white text looks on a background with the Hex color 022B0F.

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
022B0F

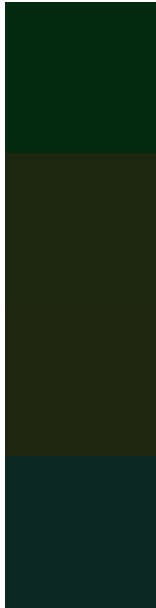
Protanopia
29250D

Deuteranopia
2E2311



Tritanopia
11282B

Trichromacy



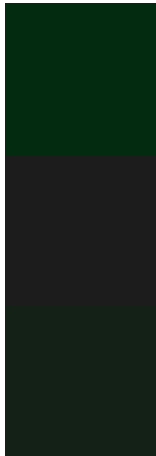
Original Color
022B0F

Protanomaly
1B270E

Deuteranomaly
1E2610

Tritanomaly
0C2921

Monochromacy



Original Color
022B0F

Achromatopsia
1C1C1C

Achromatomaly
132117

CSS Examples

Text

The CSS property to change the color of the text to Hex 022B0F 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 #022B0F looks like.

```
.text, #text, p{  
    color:#022B0F  
}
```

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 #022B0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #022B0F
}
```

Border

The CSS property to change the border of an element to Hex 022B0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

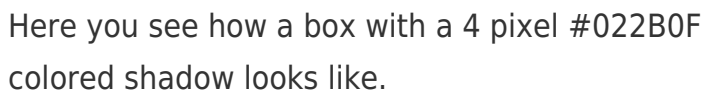
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#022B0F }
```

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

```
.border{ border-color:#022B0F }
```

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



Here you see how a box with a 4 pixel `#022B0F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #022B0F; -webkit-box-shadow:4px 4px  
4px 4px #022B0F; box-shadow:4px 4px 4px  
4px #022B0F }
```

Background

The CSS property to change the background color of an element to Hex 022B0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#022B0F }
```

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

```
.background{ background-color:#022B0F }
```

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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