

Converting Colors

Hex(021B0F)

Have a look what the booklet for
Hex(021B0F) contains.

Hex(021B0F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(021B0F)

Conversions

Conversions Part 1

Format	Color
Hex	021B0F
RGB	2, 27, 15
RGB Percent	1%, 11%, 6%
CMY	0.9922, 0.8941, 0.9412
CMYK	0.93, 0.00, 0.44, 0.89
HSL	151°, 86%, 6%
HSV	151°, 93%, 11%
XYZ	0.5032, 0.8313, 0.5859
YIQ	18.1570, -11.0480, -9.0320

Conversions

Conversions Part 2

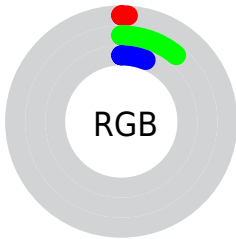
Format	Color
RYB	2, 18, 27
Decimal	137999
CIELab	7.51, -11.75, 4.57
CIELCh	8, 12.608, 158.767
Yxy	0.8313, 0.2620, 0.4329
Android (android.graphics.Color)	4278328079 (0xFF021B0F)
YUV	18.1570, -1.5564, -14.1697
Hunter-Lab	9.1174, -6.1039, 2.5723

Details

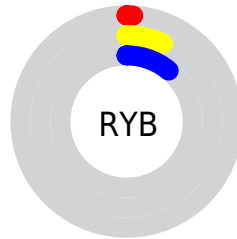
The Hex color **021B0F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **1B020E**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **30463A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001B0E**, and if you desaturate by 10%, it is **051B10**.

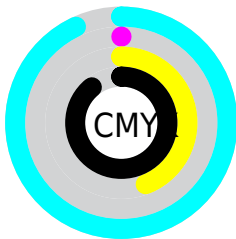
Distribution



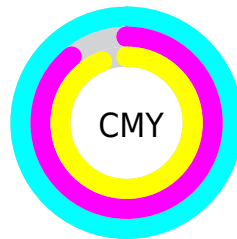
- Red (1%)
- Green (11%)
- Blue (6%)



- Red (1%)
- Yellow (7%)
- Blue (11%)



- Cyan (93%)
- Magenta (0%)
- Yellow (44%)
- Black (89%)



- Cyan (99%)
- Magenta (89%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 021B0F 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 021B0F by changing the saturation by 10% instead.

■ 021B0F

■ 021B0F

■ E3FEEF

■ 000000

■ 30463A

■ 465D51

■ 5E7669

■ 779082

■ 91AA9C

■ ACC6B7

■ C7E2D2

■ 021B0F

■ 021B0F

■ 001B0E

■ 051B10

■ 071B12

■ 0A1B13

■ 0D1B14

■ 101B15

■ 121B17

■ 151B18

■ 181B19

■ 1A1B1B

Harmonies

Analogous

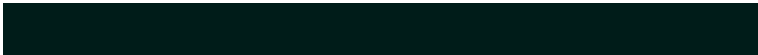
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



111903



021B0F



001C19

Triad

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



021B0F



0E1727



261109

Complementary

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



021B0F



1B020E

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.



261014



021B0F



1B1324

Square

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



021B0F



001926



23111D



221400

Rectangle

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



021B0F



001B1E



23111D



26100D

Sweetspot

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



021B0F



1A241F



0E1B02



0C120F



919191



121212

Same Dimension

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



021B0F



002413



021B1B



0B0D0C



004D28



00CC6A

Inverse Universe

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



1B020E



240011



1B0202



0D0B0C



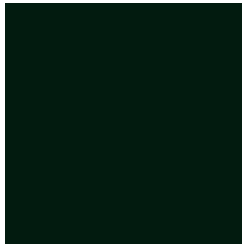
4D0025



CC0062

Previews

White Background



This preview shows how the Hex color 021B0F looks on a white background.

Color Contrast Check

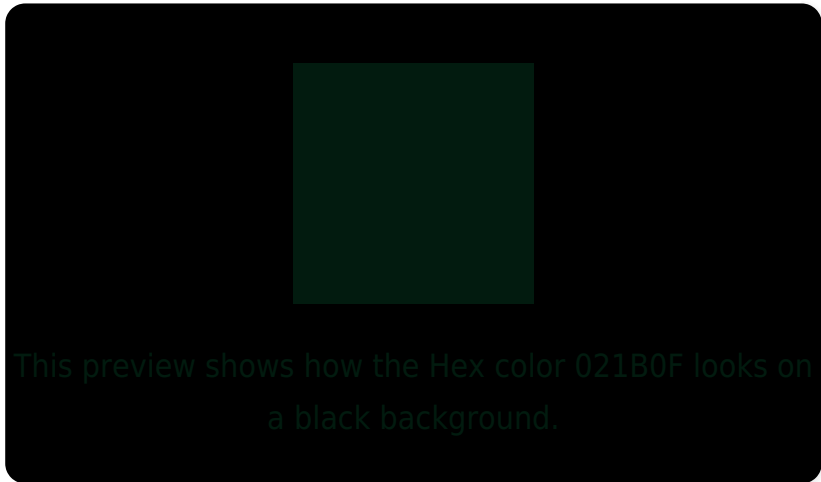
Large Text (above 18pt) WCAG AA ✓ Pass

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

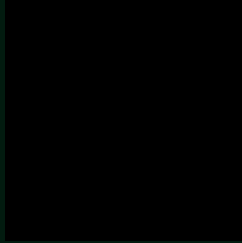
Any Text WCAG AA × Fail

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 021B0F Background



This preview shows how black text looks on a background with the Hex color 021B0F.



This preview shows how white text looks on a background with the Hex color 021B0F.

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
021B0F

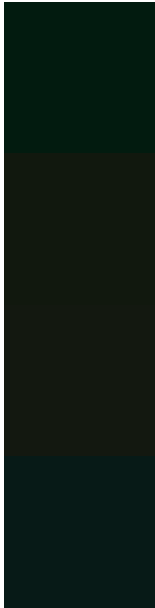
Protanopia
1A170E

Deuteranopia
1C1610



Tritanopia
0A1A1C

Trichromacy



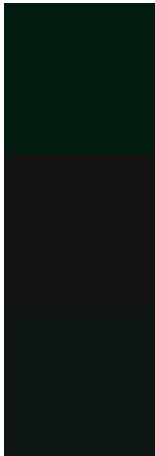
Original Color
021B0F

Protanomaly
11180E

Deuteranomaly
131810

Tritanomaly
071A17

Monochromacy



Original Color
021B0F

Achromatopsia
121212

Achromatomaly
0C1511

CSS Examples

Text

The CSS property to change the color of the text to Hex 021B0F 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 #021B0F looks like.

```
.text, #text, p{  
    color:#021B0F  
}
```

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 #021B0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #021B0F
}
```

Border

The CSS property to change the border of an element to Hex 021B0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

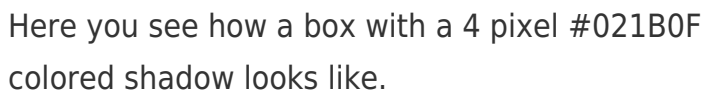
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#021B0F }
```

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

```
.border{ border-color:#021B0F }
```

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



Here you see how a box with a 4 pixel #021B0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #021B0F; -webkit-box-shadow:4px 4px  
4px 4px #021B0F; box-shadow:4px 4px 4px  
4px #021B0F }
```

Background

The CSS property to change the background color of an element to Hex 021B0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#021B0F }
```

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

```
.background{ background-color:#021B0F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor