

Converting Colors

Hex(021800)

Have a look what the booklet for
Hex(021800) contains.

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Color

Hex(021800)

Conversions

Conversions Part 1

Format	Color
Hex	021800
RGB	2, 24, 0
RGB Percent	1%, 9%, 0%
CMY	0.9922, 0.9059, 1.0000
CMYK	0.92, 0.00, 1.00, 0.91
HSL	115°, 100%, 5%
HSV	115°, 100%, 9%
XYZ	0.3517, 0.6662, 0.1100
YIQ	14.6860, -5.4080, -12.1280

Conversions

Conversions Part 2

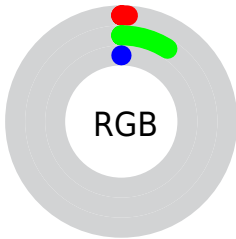
Format	Color
RYB	0, 24, 22
Decimal	137216
CIELab	6.02, -11.53, 8.80
CIELCh	6, 14.506, 142.649
Yxy	0.6662, 0.3118, 0.5906
Android (android.graphics.Color)	4278327296 (0xFF021800)
YUV	14.6860, -7.2402, -11.1256
Hunter-Lab	8.1619, -6.5925, 4.9139

Details

The Hex color **021800** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **160018**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **304230**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **021800**, and if you desaturate by 10%, it is **041802**.

Distribution



Red (1%)

Green (9%)

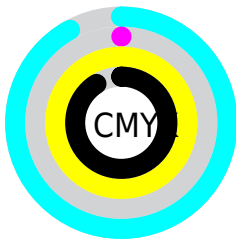
Blue (0%)



Red (0%)

Yellow (9%)

Blue (9%)

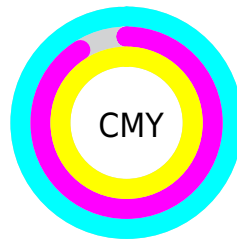


Cyan (92%)

Magenta (0%)

Yellow (100%)

Black (91%)



Cyan (99%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 021800 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 021800 by changing the saturation by 10% instead.

 021800

 021800

 E3FAE2

 000000

 304230

 475A46

 5F725E

 778C77

 91A690

 ACC1AB

 C7DDC6

 021800

■ 041802

■ 061805

■ 091807

■ 0B180A

■ 0D180C

■ 0F180E

■ 111811

■ 141813

■ 161816

Harmonies

Analogous

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



121500



021800



001910

Triad

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



021800



001526



260B09

Complementary

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



021800



160018

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.



240B16



021800



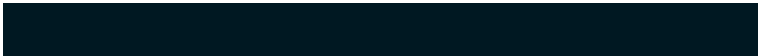
111125

Square

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



021800



001822



1D0D1F



240E00

Rectangle

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



021800



001A17



1D0D1F



260A0E

Sweetspot

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



021800



161F15



181600



0A0F0A



8F8F8F



0F0F0F

Same Dimension

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



021800



031F00



00180A



0C0D0B



064D00



11CC00

Inverse Universe

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



160018



1C001F



18000E



0D0B0D



46004D



BB00CC

Previews

White Background



This preview shows how the Hex color 021800 looks on a white background.

Color Contrast Check

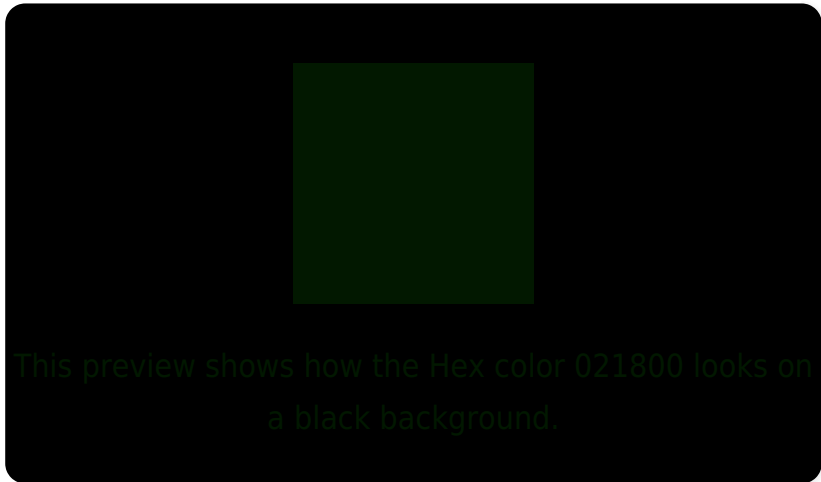
Large Text (above 18pt) WCAG AA ✓ Pass

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 021800 Background



This preview shows how black text looks on a background with the Hex color 021800.



This preview shows how white text looks on a background with the Hex color 021800.

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
021800

Protanopia
171500

Deuteranopia
1A1305



Tritanopia
0A1618

Trichromacy



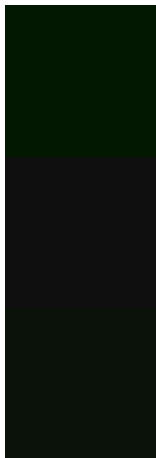
Original Color
021800

Protanomaly
0F1600

Deuteranomaly
111503

Tritanomaly
07170F

Monochromacy



Original Color
021800

Achromatopsia
0F0F0F

Achromatomaly
0A120A

CSS Examples

Text

The CSS property to change the color of the text to Hex 021800 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 #021800 looks like.

```
.text, #text, p{  
    color:#021800  
}
```

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 #021800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #021800
}
```

Border

The CSS property to change the border of an element to Hex 021800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

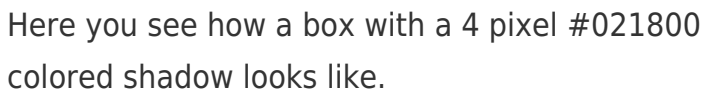
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#021800 }
```

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

```
.border{ border-color:#021800 }
```

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



Here you see how a box with a 4 pixel #021800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #021800; -webkit-box-shadow:4px 4px  
4px 4px #021800; box-shadow:4px 4px 4px  
4px #021800 }
```

Background

The CSS property to change the background color of an element to Hex 021800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#021800 }
```

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

```
.background{ background-color:#021800 }
```

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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