

Converting Colors

Hex(00021A)

Have a look what the booklet for
Hex(00021A) contains.

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Color

Hex(00021A)

Conversions

Conversions Part 1

Format	Color
Hex	00021A
RGB	0, 2, 26
RGB Percent	0%, 1%, 10%
CMY	1.0000, 0.9922, 0.8980
CMYK	1.00, 0.92, 0.00, 0.90
HSL	235°, 100%, 5%
HSV	235°, 100%, 10%
XYZ	0.2082, 0.1180, 0.9891
YIQ	4.1380, -8.8960, 7.0400

Conversions

Conversions Part 2

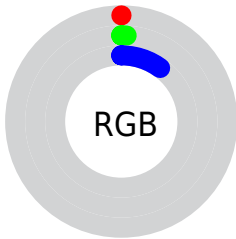
Format	Color
RYB	0, 2, 26
Decimal	538
CIELab	1.07, 3.93, -12.31
CIELCh	1, 12.920, 287.722
Yxy	0.1180, 0.1583, 0.0897
Android (android.graphics.Color)	4278190618 (0xFF00021A)
YUV	4.1380, 10.7780, -3.6290
Hunter-Lab	3.4351, 4.8055, -14.6672

Details

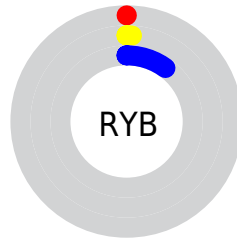
The Hex color **00021A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1A1800**, and the grayscale version is **040404**.

A 20% lighter version of the original color is **2F3245**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00021A**, and if you desaturate by 10%, it is **03041A**.

Distribution



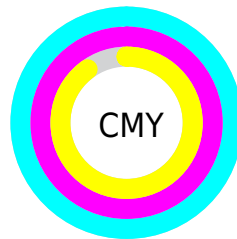
- Red (0%)
- Green (1%)
- Blue (10%)



- Red (0%)
- Yellow (1%)
- Blue (10%)



- Cyan (100%)
- Magenta (92%)
- Yellow (0%)
- Black (90%)



- Cyan (100%)
- Magenta (99%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00021A 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 00021A by changing the saturation by 10% instead.

■ 00021A

■ 00021A

■ E2E4FD

■ 000000

■ 2F3245

■ 45485C

■ 5D6075

■ 76788E

■ 9092A9

■ AAADC4

■ C6C8E0

■ 00021A

■ 03041A

■ 05071A

■ 08091A

■ 0A0C1A

■ 0D0E1A

■ 10101A

■ 12131A

■ 15151A

■ 17181A

Harmonies

Analogous

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



00071A



00021A



110015

Triad

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



00021A



170000



000700

Complementary

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



00021A



1A1800

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.



000700



00021A



0D0200

Square

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



00021A



1C0000



000700



00080D

Rectangle

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



00021A



18000F



000700

Sweetspot

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



00021A



171821



001A18



0B0C12



919191



121212

Same Dimension

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



00021A



000321



0B001A



0B0C0D



00064D



0010CC

Inverse Universe

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



1A0002



210003



0F1A00



0D0B0C



4D0006



CC0010

Previews

White Background



This preview shows how the Hex color 00021A looks on a white background.

Color Contrast Check

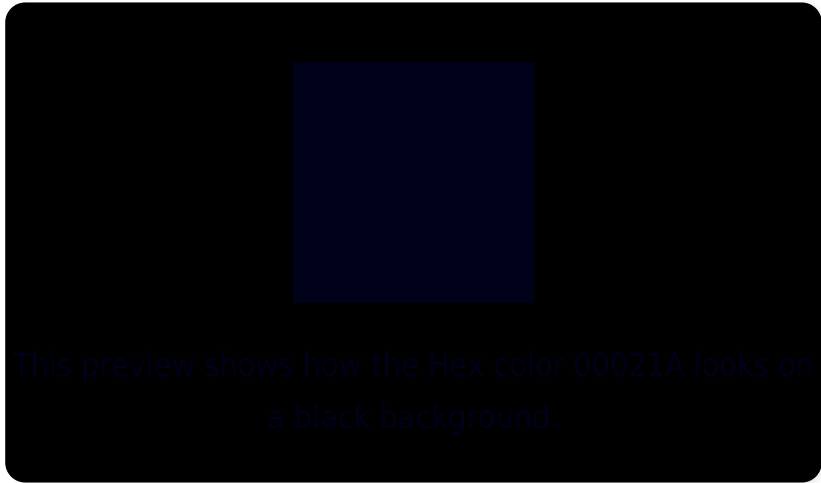
Large Text (above 18pt) WCAG AA ✓ Pass

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

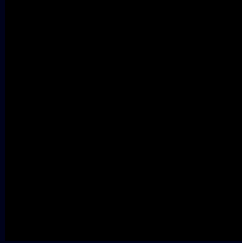
Any Text WCAG AA × Fail

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 00021A Background



This preview shows how black text looks on a background with the Hex color 00021A.



This preview shows how white text looks on a background with the Hex color 00021A.

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
00021A

Protanopia
000810

Tritanopia
000909

Trichromacy



Original Color

00021A

Protanomaly

000614

Tritanomaly

00060F

Monochromacy



Original Color

00021A

Achromatopsia

040404

Achromatomaly

03030C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00021A 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 #00021A looks like.

```
.text, #text, p{  
    color:#00021A  
}
```

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 #00021A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00021A
}
```

Border

The CSS property to change the border of an element to Hex 00021A 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
#00021A }
```

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

```
.border{ border-color:#00021A }
```

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

Here you see how a box with a 4 pixel #00021A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00021A; -webkit-box-shadow:4px 4px  
4px 4px #00021A; box-shadow:4px 4px 4px  
4px #00021A }
```

Background

The CSS property to change the background color of an element to Hex 00021A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00021A }
```

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

```
.background{ background-color:#00021A }
```

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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