

Converting Colors

Hex(021C00)

Have a look what the booklet for
Hex(021C00) contains.

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Color

Hex(021C00)

Conversions

Conversions Part 1

Format	Color
Hex	021C00
RGB	2, 28, 0
RGB Percent	1%, 11%, 0%
CMY	0.9922, 0.8902, 1.0000
CMYK	0.93, 0.00, 1.00, 0.89
HSL	116°, 100%, 5%
HSV	116°, 100%, 11%
XYZ	0.4403, 0.8434, 0.1396
YIQ	17.0340, -6.5080, -14.2200

Conversions

Conversions Part 2

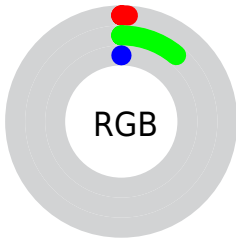
Format	Color
RYB	0, 28, 26
Decimal	138240
CIELab	7.62, -14.80, 11.14
CIElCh	8, 18.525, 143.039
Yxy	0.8434, 0.3093, 0.5926
Android (android.graphics.Color)	4278328320 (0xFF021C00)
YUV	17.0340, -8.3978, -13.1848
Hunter-Lab	9.1838, -7.5139, 5.5274

Details

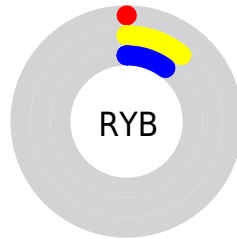
The Hex color **021C00** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **1A001C**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **2F4730**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **021C00**, and if you desaturate by 10%, it is **051C03**.

Distribution



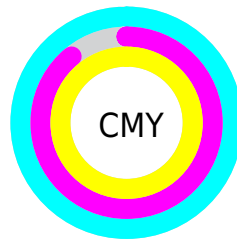
- Red (1%)
- Green (11%)
- Blue (0%)



- Red (0%)
- Yellow (11%)
- Blue (10%)



- Cyan (93%)
- Magenta (0%)
- Yellow (100%)
- Black (89%)



- Cyan (99%)
- Magenta (89%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 021C00 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 021C00 by changing the saturation by 10% instead.

 021C00

 021C00

 E3FFE2

 000000

 2F4730

 465F46

 5E785E

 779177

 91AC90

 ABC7AB

 C7E3C6

 021C00

■ 051C03

■ 071C06

■ 0A1C08

■ 0C1C0B

■ 0F1C0E

■ 121C11

■ 141C14

■ 171C16

■ 191C19

Harmonies

Analogous

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



151900



021C00



001E13

Triad

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



021C00



00192F



2D0C0B

Complementary

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



021C00



1A001C

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.



2B0B1A



021C00



12152D

Square

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



021C00



001C2A



230F26



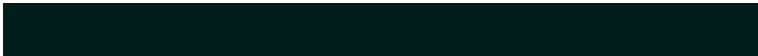
291000

Rectangle

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



021C00



001E1C



230F26



2D0B11

Sweetspot

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



021C00



1A2419



1C1A00



0C120B



919191



121212

Same Dimension

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



021C00



032400



001C0C



0C0D0B



054D00



0FCC00

Inverse Universe

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



1A001C



210024



1C0010



0D0B0D



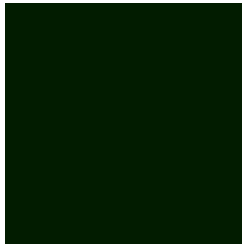
47004D



BD00CC

Previews

White Background



This preview shows how the Hex color 021C00 looks on a white background.

Color Contrast Check

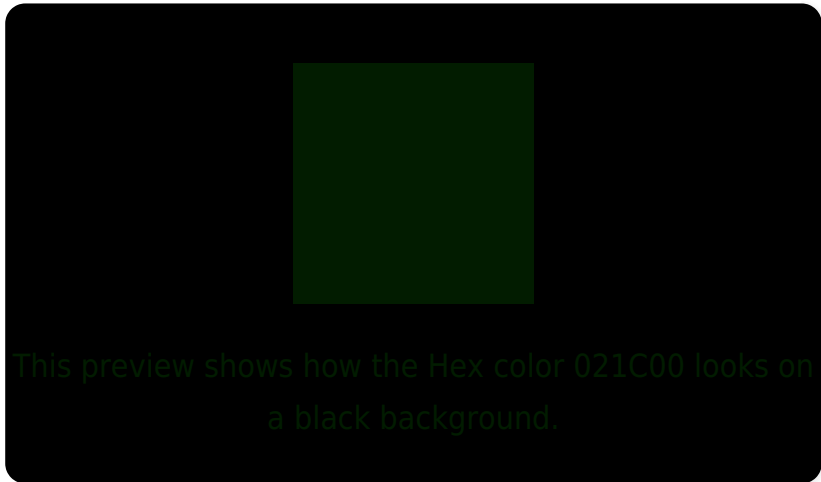
Large Text (above 18pt) WCAG AA ✓ Pass

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 021C00 Background



This preview shows how black text looks on a background with the Hex color 021C00.



This preview shows how white text looks on a background with the Hex color 021C00.

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
021C00

Protanopia
1B1800

Deuteranopia
1E1706

Trichromacy



Original Color

021C00

Protanomaly

121900

Deuteranomaly

141904

Tritanomaly

081B12

Monochromacy



Original Color

021C00

Achromatopsia

111111

Achromatomaly

0C150B

CSS Examples

Text

The CSS property to change the color of the text to Hex 021C00 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 #021C00 looks like.

```
.text, #text, p{  
    color:#021C00  
}
```

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 #021C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #021C00
}
```

Border

The CSS property to change the border of an element to Hex 021C00 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
#021C00 }
```

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

```
.border{ border-color:#021C00 }
```

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

Here you see how a box with a 4 pixel #021C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #021C00; -webkit-box-shadow:4px 4px  
4px 4px #021C00; box-shadow:4px 4px 4px  
4px #021C00 }
```

Background

The CSS property to change the background color of an element to Hex 021C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#021C00 }
```

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

```
.background{ background-color:#021C00 }
```

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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