

# Converting Colors

Hex(021CCC)

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

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# Color

Hex(021CCC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	021CCC
RGB	2, 28, 204
RGB Percent	1%, 11%, 80%
CMY	0.9922, 0.8902, 0.2000
CMYK	0.99, 0.86, 0.00, 0.20
HSL	232°, 98%, 40%
HSV	232°, 99%, 80%
XYZ	11.3394, 5.2030, 57.5334
YIQ	40.2900, -71.9920, 49.2240

# Conversions

## Conversions Part 2

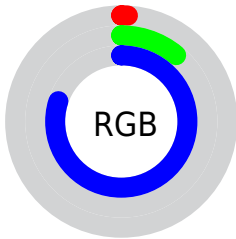
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 25, 204
Decimal	138444
CIELab	27.31, 59.48, -87.03
CIELCh	27, 105.410, 304.352
Yxy	5.2030, 0.1531, 0.0702
Android (android.graphics.Color)	4278328524 (0xFF021CCC)
YUV	40.2900, 80.7090, -33.5803
Hunter-Lab	22.8102, 48.8179, -133.5781

# Details

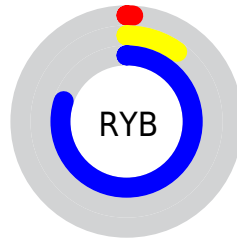
The Hex color **021CCC** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **CCB202**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **694EFF**, and **000094** is the 20% darker color. If you saturate the color by 10%, you get **001ACC**, and if you desaturate by 10%, it is **162ECC**.

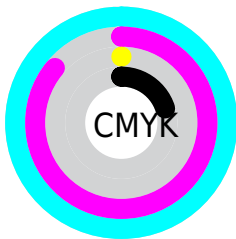
# Distribution



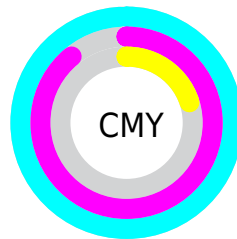
- Red (1%)
- Green (11%)
- Blue (80%)



- Red (1%)
- Yellow (10%)
- Blue (80%)



- Cyan (99%)
- Magenta (86%)
- Yellow (0%)
- Black (20%)



- Cyan (99%)
- Magenta (89%)
- Yellow (20%)


# Brightness & Saturation Gradients

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



 021CCC

 021CCC

FFFFFF

 0000B0

 694EFF

 000094

 8B68FF

 000079

 AB82FF

 000B5F


 CA9DFF

 000846

 E9B9FF

 00042F

 FFD5FF

 000119

 FFF2FF

 000000

 021CCC

 021CCC

■ 001ACC

■ 162ECC

■ 2B40CC

■ 3F51CC

■ 5463CC

■ 6875CC

■ 7C87CC

■ 9198CC

■ A5AACC

■ BABCCC

# Harmonies

## Analogous

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



004EEB



021CCC



A00089

# Triad

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



021CCC



841000



00584B

# Complementary

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



021CCC



CCB202

# 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.



005600



021CCC



464300

# Square

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



021CCC



AE0000



005100



005B9D

# Rectangle

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



021CCC



BA0054



005100



00572E



# Sweetspot

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



021CCC



B3BCFF



02CCB1



525880



000000



808080



# Same Dimension

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



021CCC



0021FF



4C02CC



5C5D66



0015A6



000526



# Inverse Universe

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



CC021C



FF0021



82CC02



665C5D



A60015

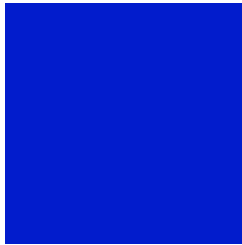


260005



# Previews

## White Background



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

## Color Contrast Check

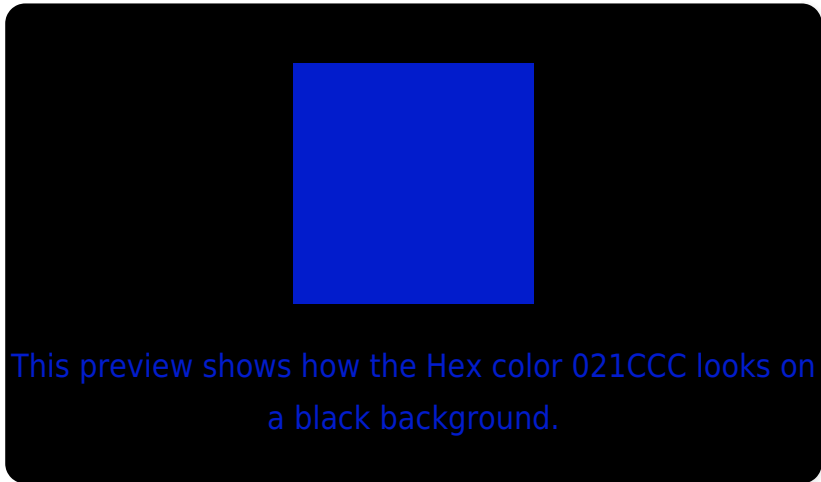
Large Text (above 18pt) WCAG AA ✓ Pass

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

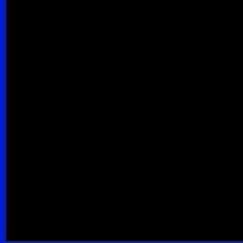
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 021CCC Background



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



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

# 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**  
021CCC

**Protanopia**  
003F84

**Deuteranopia**  
004370



**Tritanopia**  
00484C

# Trichromacy



**Original Color**  
021CCC

**Protanomaly**  
01329E

**Deuteranomaly**  
013591

**Tritanomaly**  
01387B

# Monochromacy



**Original Color**  
021CCC

**Achromatopsia**  
282828

**Achromatomaly**  
1A2464

# CSS Examples

## Text

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

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

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 #021CCC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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