

Converting Colors

Hex(021CA2)

Have a look what the booklet for
Hex(021CA2) contains.

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Color

Hex(021CA2)

Conversions

Conversions Part 1

Format	Color
Hex	021CA2
RGB	2, 28, 162
RGB Percent	1%, 11%, 64%
CMY	0.9922, 0.8902, 0.3647
CMYK	0.99, 0.83, 0.00, 0.36
HSL	230°, 98%, 32%
HSV	230°, 99%, 64%
XYZ	6.9619, 3.4520, 34.4818
YIQ	35.5020, -58.5100, 36.1620

Conversions

Conversions Part 2

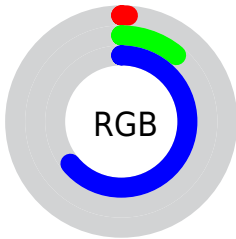
Format	Color
RYB	2, 24, 162
Decimal	138402
CIELab	21.77, 46.40, -71.20
CIELCh	22, 84.987, 303.090
Yxy	3.4520, 0.1551, 0.0769
Android (android.graphics.Color)	4278328482 (0xFF021CA2)
YUV	35.5020, 62.3635, -29.3813
Hunter-Lab	18.5797, 34.3701, -97.0297

Details

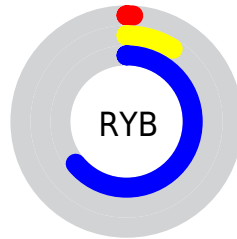
The Hex color **021CA2** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **A28802**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **5C4BDA**, and **00006D** is the 20% darker color. If you saturate the color by 10%, you get **001AA2**, and if you desaturate by 10%, it is **122AA2**.

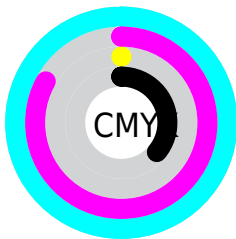
Distribution



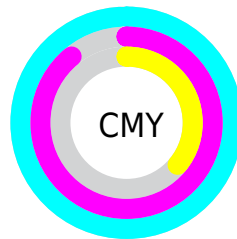
- Red (1%)
- Green (11%)
- Blue (64%)



- Red (1%)
- Yellow (9%)
- Blue (64%)



- Cyan (99%)
- Magenta (83%)
- Yellow (0%)
- Black (36%)



- Cyan (99%)
- Magenta (89%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 021CA2 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 021CA2 by changing the saturation by 10% instead.

■ 021CA2

■ 021CA2

FFFFFF

■ 000587

■ 5C4BDA

■ 00006D

■ 7B63F7

■ 000353

■ 997DFF

■ 00063B

■ B797FF

■ 000225

■ D5B2FF

■ 00010D

■ F4CEFF

■ 000000

■ FFEAFF

■ 021CA2

■ 021CA2

■ 001AA2

■ 122AA2

■ 2237A2

■ 3345A2

■ 4352A2

■ 5360A2

■ 636DA2

■ 737BA2

■ 8489A2

■ 9496A2

Harmonies

Analogous

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



003FB8



021CA2



7D006F

Triad

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



021CA2



6B0F00



00483A

Complementary

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



021CA2



A28802

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.



004600



021CA2



3C3500

Square

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



021CA2



8C0000



004100



004979

Rectangle

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



021CA2



930046



004100



004723

Sweetspot

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



021CA2



949ED4



02A287



454B6B



EBEBEB



6B6B6B

Same Dimension

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



021CA2



0022D4



3702A2



494B52



001891



000312

Inverse Universe

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



A2021C



D40022



6DA202



52494B



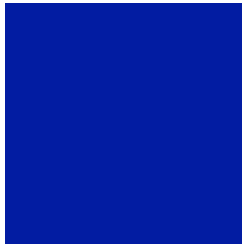
910018



120003

Previews

White Background



This preview shows how the Hex color 021CA2 looks on a white background.

Color Contrast Check

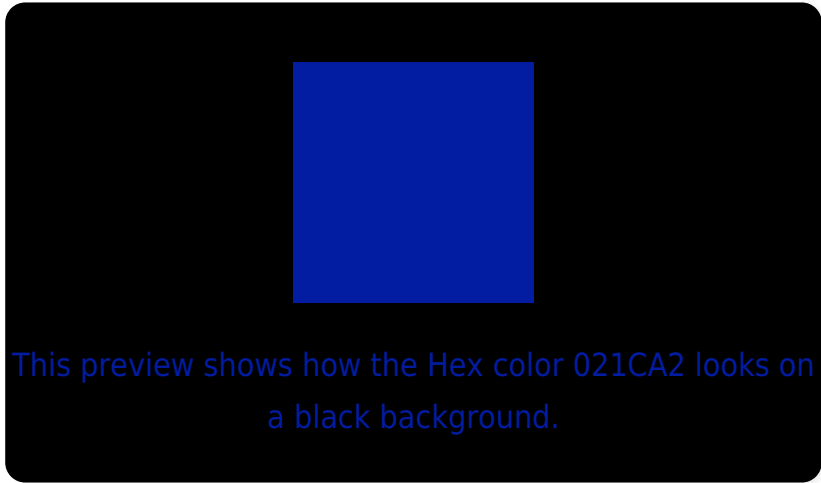
Large Text (above 18pt) WCAG AA ✓ Pass

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

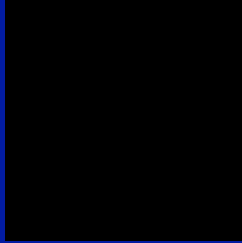
Any Text WCAG AA × Fail

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 021CA2 Background



This preview shows how black text looks on a background with the Hex color 021CA2.



This preview shows how white text looks on a background with the Hex color 021CA2.

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
021CA2

Protanopia
00346C

Deuteranopia
00375C



Tritanopia
003B3E

Trichromacy



Original Color
021CA2

Protanomaly
012B80

Deuteranomaly
012D75

Tritanomaly
013062

Monochromacy



Original Color
021CA2

Achromatopsia
242424

Achromatomaly
182152

CSS Examples

Text

The CSS property to change the color of the text to Hex 021CA2 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 #021CA2 looks like.

```
.text, #text, p{  
    color:#021CA2  
}
```

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 #021CA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #021CA2
}
```

Border

The CSS property to change the border of an element to Hex 021CA2 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
#021CA2 }
```

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

```
.border{ border-color:#021CA2 }
```

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

Here you see how a box with a 4 pixel #021CA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #021CA2; -webkit-box-shadow:4px 4px  
4px 4px #021CA2; box-shadow:4px 4px 4px  
4px #021CA2 }
```

Background

The CSS property to change the background color of an element to Hex 021CA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#021CA2 }
```

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

```
.background{ background-color:#021CA2 }
```

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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