

Converting Colors

Hex(021CBD)

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

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Color

Hex(021CBD)

Conversions

Conversions Part 1

Format	Color
Hex	021CBD
RGB	2, 28, 189
RGB Percent	1%, 11%, 74%
CMY	0.9922, 0.8902, 0.2588
CMYK	0.99, 0.85, 0.00, 0.26
HSL	232°, 98%, 37%
HSV	232°, 99%, 74%
XYZ	9.6256, 4.5175, 48.5088
YIQ	38.5800, -67.1770, 44.5590

Conversions

Conversions Part 2

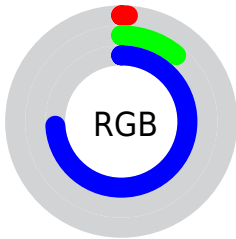
Format	Color
RYB	2, 25, 189
Decimal	138429
CIELab	25.31, 54.98, -81.52
CIELCh	25, 98.330, 303.999
Yxy	4.5175, 0.1536, 0.0721
Android (android.graphics.Color)	4278328509 (0xFF021CBD)
YUV	38.5800, 74.1571, -32.0807
Hunter-Lab	21.2545, 43.6425, -120.4384

Details

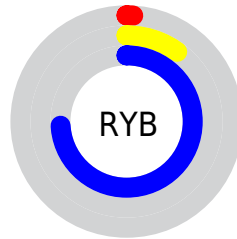
The Hex color **021CBD** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **BDA302**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **654DF7**, and **000086** is the 20% darker color. If you saturate the color by 10%, you get **001ABD**, and if you desaturate by 10%, it is **152CBD**.

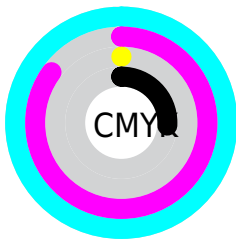
Distribution



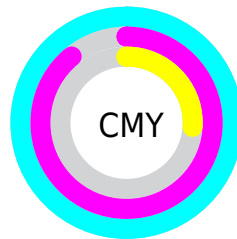
- Red (1%)
- Green (11%)
- Blue (74%)



- Red (1%)
- Yellow (10%)
- Blue (74%)



- Cyan (99%)
- Magenta (85%)
- Yellow (0%)
- Black (26%)



- Cyan (99%)
- Magenta (89%)
- Yellow (26%)

Brightness & Saturation Gradients

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

■ 021CBD

■ 021CBD

FFFFFF

■ 0002A1

■ 654DF7

■ 000086

■ 8566FF

■ 00006C

■ A480FF

■ 000B52

■ C39BFF

■ 00053A

■ E2B6FF

■ 000224

■ FFD2FF

■ 00000B

■ FFEFFF

■ 000000

■ 021CBD

■ 021CBD

■ 001ABD

■ 152CBD

■ 283DBD

■ 3B4DBD

■ 4E5DBD

■ 616DBD

■ 737EBD

■ 868EBD

■ 999EBD

■ ACAEBD

Harmonies

Analogous

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



0048D9



021CBD



94007F

Triad

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



021CBD



7B1000



005245

Complementary

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



021CBD



BDA302

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.



005000



021CBD



423E00

Square

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



021CBD



A20000



004B00



005490

Rectangle

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



021CBD



AC004F



004B00



00522A

Sweetspot

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



021CBD



ABB6F5



02BDA1



4E547A



FAFAFA



7A7A7A

Same Dimension

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



021CBD



0022F5



4302BD



55565E



00169E



00041F

Inverse Universe

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



BD021C



F50022



7CBD02



5E5556



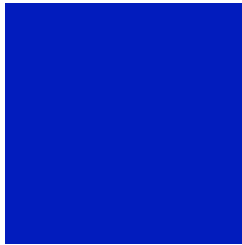
9E0016



1F0004

Previews

White Background



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

Color Contrast Check

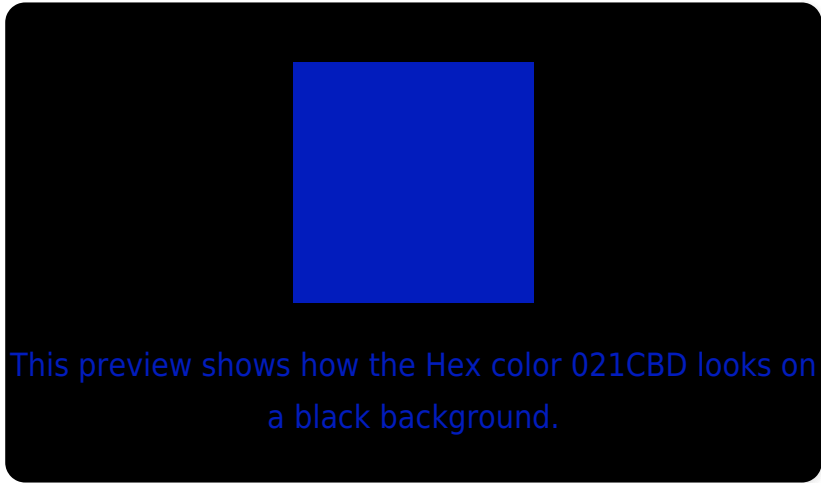
Large Text (above 18pt) WCAG AA ✓ Pass

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

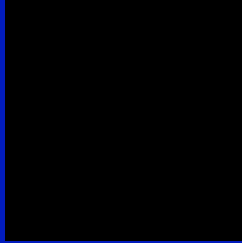
Any Text WCAG AA × Fail

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 021CBD Background



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



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

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
021CBD

Protanopia
003B7B

Deuteranopia
003F69

Trichromacy



Original Color
021CBD

Protanomaly
013093

Deuteranomaly
013288

Tritanomaly
013572

Monochromacy



Original Color
021CBD

Achromatopsia
272727

Achromatomaly
1A235E

CSS Examples

Text

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

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

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 #021CBD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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