

Converting Colors

Hex(0022CD)

Have a look what the booklet for
Hex(0022CD) contains.

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Color

Hex(0022CD)

Conversions

Conversions Part 1

Format	Color
Hex	0022CD
RGB	0, 34, 205
RGB Percent	0%, 13%, 80%
CMY	1.0000, 0.8667, 0.1961
CMYK	1.00, 0.83, 0.00, 0.20
HSL	230°, 100%, 40%
HSV	230°, 100%, 80%
XYZ	11.5915, 5.5518, 58.2183
YIQ	43.3280, -75.1550, 45.9730

Conversions

Conversions Part 2

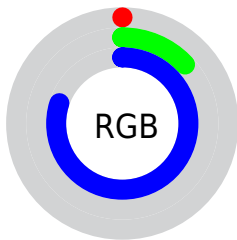
Format	Color
R_{YB}	0, 29, 205
Decimal	8909
CIE Lab	28.25, 57.21, -86.03
CIE LCh	28, 103.317, 303.623
Yxy	5.5518, 0.1538, 0.0737
Android (android.graphics.Color)	4278198989 (0xFF0022CD)
YUV	43.3280, 79.7043, -37.9987
Hunter-Lab	23.5623, 46.5789, -130.0013

Details

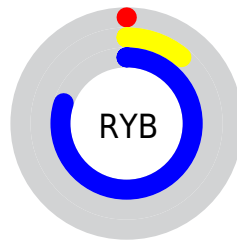
The Hex color **0022CD** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **CDAB00**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **6953FF**, and **000095** is the 20% darker color. If you saturate the color by 10%, you get **0022CD**, and if you desaturate by 10%, it is **1433CD**.

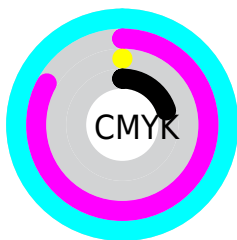
Distribution



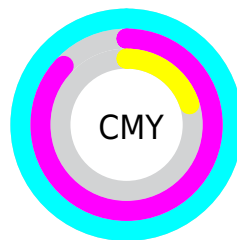
- Red (0%)
- Green (13%)
- Blue (80%)



- Red (0%)
- Yellow (11%)
- Blue (80%)



- Cyan (100%)
- Magenta (83%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (87%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0022CD 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 0022CD by changing the saturation by 10% instead.

 0022CD

 0022CD

FFFFFF

 0007B1

 6953FF

 000095

 8A6DFF

 00007A

 AA87FF

 000A60

 C9A2FF

 000847

 E9BDFF

 000430

 FFD9FF

 00011A

 FFF6FF

 000000

 0022CD

 1433CD

 2944CD

 3E55CD

 5266CD

 6778CD

 7B89CD

 909ACD

 A4ABCD

 B9BCCD

Harmonies

Analogous

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



0050EA



0022CD



A0008C

Triad

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



0022CD



871300



005A4B

Complementary

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



0022CD



CDAB00

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.



005800



0022CD



4A4400

Square

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



0022CD



B10000



005300



005D9C

Rectangle

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



0022CD



BA0058



005300



005A2F

Sweetspot

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



0022CD



B3BFFF



00CDAB



525980



000000



808080

Same Dimension

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



0022CD



002AFF



4400CD



5C5D66



001BA6



000626

Inverse Universe

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



CD0022



FF002A



89CD00



665C5D



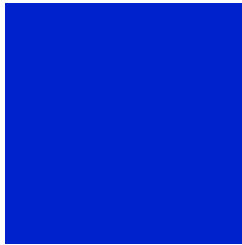
A6001B



260006

Previews

White Background



This preview shows how the Hex color 0022CD looks on a white background.

Color Contrast Check

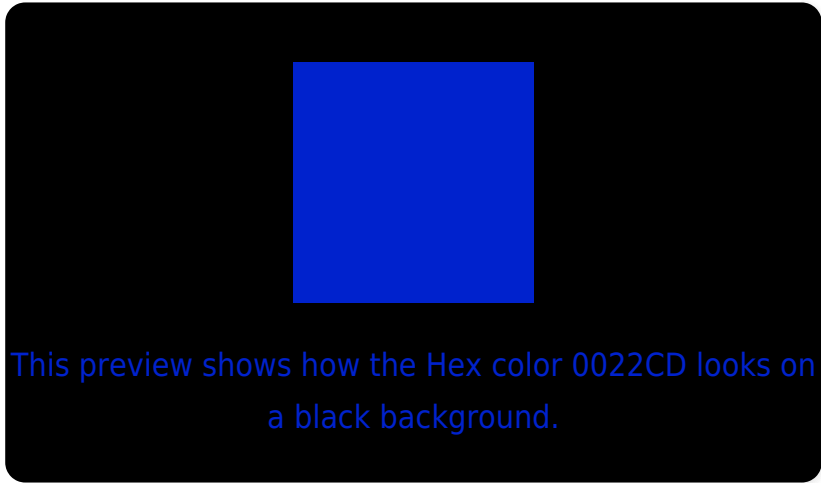
Large Text (above 18pt) WCAG AA ✓ Pass

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

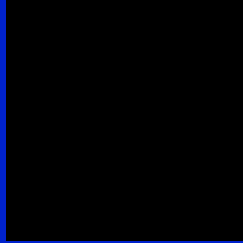
Any Text WCAG AA × Fail

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 0022CD Background



This preview shows how black text looks on a background with the Hex color 0022CD.



This preview shows how white text looks on a background with the Hex color 0022CD.

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
0022CD

Protanopia
004188

Deuteranopia
004573



Tritanopia
004B4E

Trichromacy



Original Color
0022CD

Protanomaly
0036A1

Deuteranomaly
003894

Tritanomaly
003C7C

Monochromacy



Original Color
0022CD

Achromatopsia
2B2B2B

Achromatomaly
1B2866

CSS Examples

Text

The CSS property to change the color of the text to Hex 0022CD 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 #0022CD looks like.

```
.text, #text, p{  
    color:#0022CD  
}
```

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 #0022CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0022CD
}
```

Border

The CSS property to change the border of an element to Hex 0022CD is called "border". The border property can be set on classes, ids or directly on the HTML element.

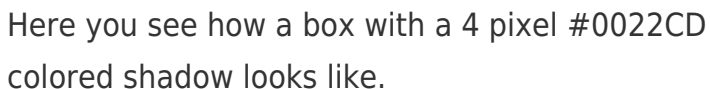
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0022CD }
```

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

```
.border{ border-color:#0022CD }
```

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



Here you see how a box with a 4 pixel #0022CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0022CD; -webkit-box-shadow:4px 4px  
4px 4px #0022CD; box-shadow:4px 4px 4px  
4px #0022CD }
```

Background

The CSS property to change the background color of an element to Hex 0022CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0022CD }
```

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

```
.background{ background-color:#0022CD }
```

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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