

Converting Colors

Hex(003CD7)

Have a look what the booklet for
Hex(003CD7) contains.

Hex(003CD7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(003CD7)

Conversions

Conversions Part 1

Format	Color
Hex	003CD7
RGB	0, 60, 215
RGB Percent	0%, 24%, 84%
CMY	1.0000, 0.7647, 0.1569
CMYK	1.00, 0.72, 0.00, 0.16
HSL	223°, 100%, 42%
HSV	223°, 100%, 84%
XYZ	13.8816, 8.1380, 65.1291
YIQ	59.7300, -85.5150, 35.4850

Conversions

Conversions Part 2

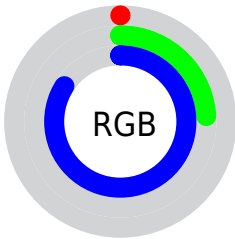
Format	Color
RYB	0, 47, 215
Decimal	15575
CIELab	34.27, 46.64, -81.84
CIELCh	34, 94.198, 299.676
Yxy	8.1380, 0.1593, 0.0934
Android (android.graphics.Color)	4278205655 (0xFF003CD7)
YUV	59.7300, 76.5481, -52.3832
Hunter-Lab	28.5272, 36.9371, -115.3932

Details

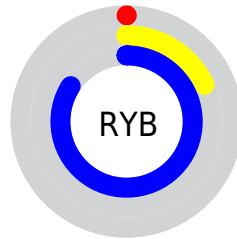
The Hex color **003CD7** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **D79B00**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6A6CFF**, and **00129F** is the 20% darker color. If you saturate the color by 10%, you get **003CD7**, and if you desaturate by 10%, it is **154CD7**.

Distribution



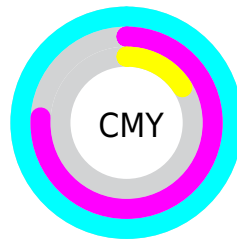
- Red (0%)
- Green (24%)
- Blue (84%)



- Red (0%)
- Yellow (18%)
- Blue (84%)



- Cyan (100%)
- Magenta (72%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (76%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003CD7 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 003CD7 by changing the saturation by 10% instead.

■ 003CD7

■ 003CD7

FFFFFF

■ 0026BB

■ 6A6CFF

■ 00129F

■ 8B85FF

■ 000084

■ ABA0FF

■ 000169

■ CABBFF

■ 000A50

■ E9D7FF

■ 000538

■ FFF3FF

■ 000222

■ 000007

■ 000000

 003CD7

 154CD7

 2B5BD7

 416BD7

 567AD7

 6C8AD7

 8199D7

 97A9D7

 ACB8D7

 C2C8D7

Harmonies

Analogous

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



005EEC



003CD7



A2009E

Triad

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



003CD7



9B2300



006A4E

Complementary

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



003CD7



D79B00

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.



006700



003CD7



644E00

Square

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



003CD7



C0000D



006000



006B9A

Rectangle

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



003CD7



C0006E



006000



006933

Sweetspot

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



003CD7



B3C8FF



00D79A



525E80



000000



808080

Same Dimension

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



003CD7



0047FF



2F00D7



60636B



0030AB



000C2B

Inverse Universe

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



D7003C



FF0047



A8D700



6B6063



AB0030



2B000C

Previews

White Background



This preview shows how the Hex color 003CD7 looks on a white background.

Color Contrast Check

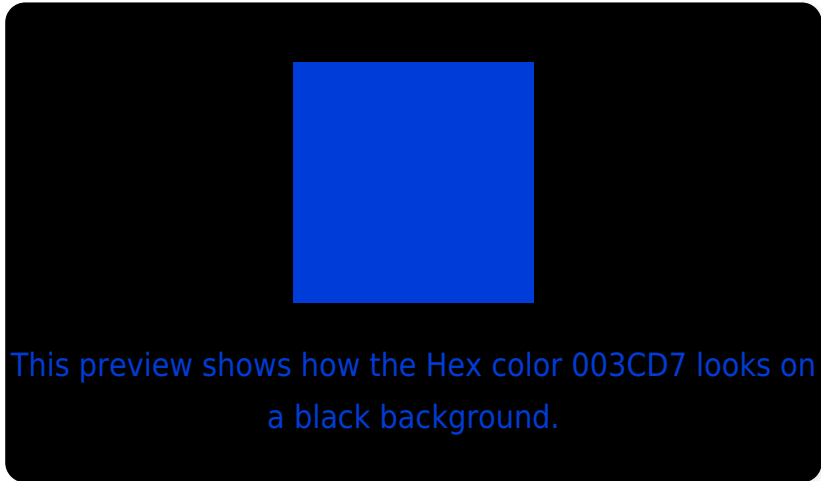
Large Text (above 18pt) WCAG AA ✓ Pass

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

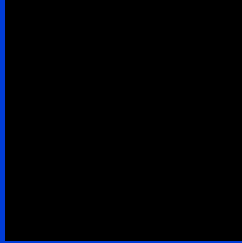
Any Text WCAG AA × Fail

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 003CD7 Background



This preview shows how black text looks on a background with the Hex color 003CD7.



This preview shows how white text looks on a background with the Hex color 003CD7.

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



Trichromacy



Original Color
003CD7

Protanomaly
0047B6

Deuteranomaly
004BA7

Tritanomaly
004E8A

Monochromacy



Original Color
003CD7

Achromatopsia
3C3C3C

Achromatomaly
263C74

CSS Examples

Text

The CSS property to change the color of the text to Hex 003CD7 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 #003CD7 looks like.

```
.text, #text, p{  
  color:#003CD7  
}
```

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 #003CD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003CD7
}
```

Border

The CSS property to change the border of an element to Hex 003CD7 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
#003CD7 }
```

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

```
.border{ border-color:#003CD7 }
```

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

Here you see how a box with a 4 pixel #003CD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003CD7; -webkit-box-shadow:4px 4px  
4px 4px #003CD7; box-shadow:4px 4px 4px  
4px #003CD7 }
```

Background

The CSS property to change the background color of an element to Hex 003CD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003CD7 }
```

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

```
.background{ background-color:#003CD7 }
```

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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