

Converting Colors

Hex(0033C2)

Have a look what the booklet for
Hex(0033C2) contains.

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Color

Hex(0033C2)

Conversions

Conversions Part 1

Format	Color
Hex	0033C2
RGB	0, 51, 194
RGB Percent	0%, 20%, 76%
CMY	1.0000, 0.8000, 0.2392
CMYK	1.00, 0.74, 0.00, 0.24
HSL	224°, 100%, 38%
HSV	224°, 100%, 76%
XYZ	10.9214, 6.2627, 51.6721
YIQ	52.0530, -76.2990, 33.6610

Conversions

Conversions Part 2

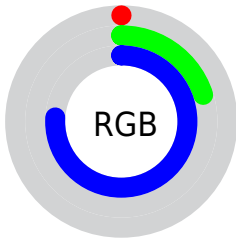
Format	Color
RYB	0, 40, 194
Decimal	13250
CIELab	30.07, 44.52, -76.58
CIELCh	30, 88.579, 300.173
Yxy	6.2627, 0.1586, 0.0910
Android (android.graphics.Color)	4278203330 (0xFF0033C2)
YUV	52.0530, 69.9799, -45.6505
Hunter-Lab	25.0254, 34.1055, -104.9036

Details

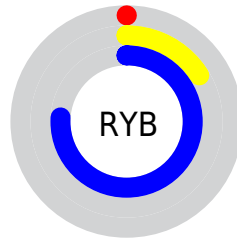
The Hex color **0033C2** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C28F00**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **6462FC**, and **000A8B** is the 20% darker color. If you saturate the color by 10%, you get **0033C2**, and if you desaturate by 10%, it is **1341C2**.

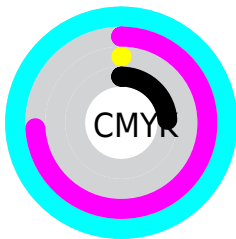
Distribution



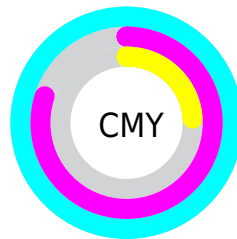
- Red (0%)
- Green (20%)
- Blue (76%)



- Red (0%)
- Yellow (16%)
- Blue (76%)



- Cyan (100%)
- Magenta (74%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (80%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0033C2 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 0033C2 by changing the saturation by 10% instead.

 0033C2

 0033C2


FFFFFF

 001DA6

 6462FC

 000A8B

 847BFF

 000071

 A395FF

 000B57


 C2B0FF

 00063E

 E1CCFF

 000328

 FFE8FF

 000111

 000000

 0033C2

 1341C2

 2750C2

 3A5EC2

 4E6CC2

 617AC2

 7489C2

 8897C2

 9BA5C2

 AFB4C2

Harmonies

Analogous

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



0053D6



0033C2



93008D

Triad

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



0033C2



8A1D00



005D46

Complementary

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



0033C2



C28F00

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.



005B00



0033C2



574500

Square

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



0033C2



AC0005



005500



005F8C

Rectangle

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



0033C2



AE0061



005500



005D2D

Sweetspot

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



0033C2



B1C5FC



00C28E



525E80



000000



808080

Same Dimension

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



0033C2



0042FC



2D00C2



575A61



002AA1



000921

Inverse Universe

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



C20033



FC0042



95C200



61575A



A1002A



210009

Previews

White Background



This preview shows how the Hex color 0033C2 looks on a white background.

Color Contrast Check

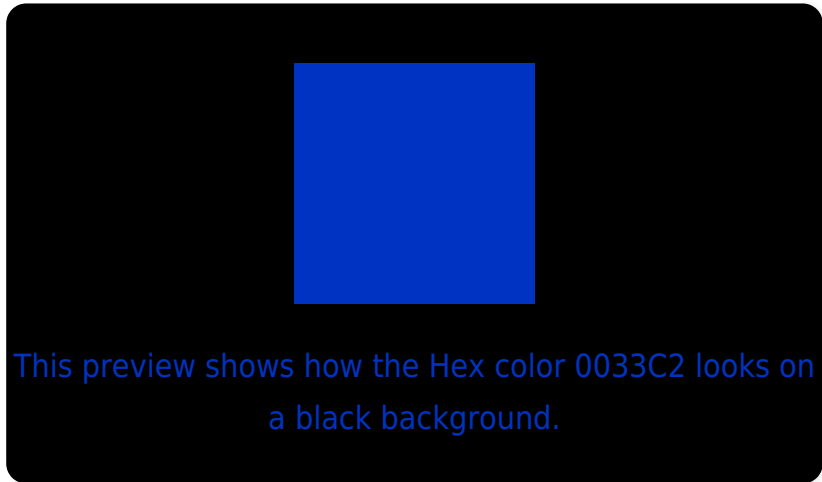
Large Text (above 18pt) WCAG AA ✓ Pass

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

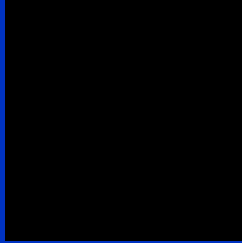
Any Text WCAG AA × Fail

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 0033C2 Background



This preview shows how black text looks on a background with the Hex color 0033C2.



This preview shows how white text looks on a background with the Hex color 0033C2.

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
0033C2

Protanopia
004590

Deuteranopia
00497B



Tritanopia
004F53

Trichromacy



Original Color
0033C2

Protanomaly
003EA2

Deuteranomaly
004195

Tritanomaly
00457B

Monochromacy



Original Color
0033C2

Achromatopsia
343434

Achromatomaly
213468

CSS Examples

Text

The CSS property to change the color of the text to Hex 0033C2 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 #0033C2 looks like.

```
.text, #text, p{  
    color:#0033C2  
}
```

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 #0033C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0033C2
}
```

Border

The CSS property to change the border of an element to Hex 0033C2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

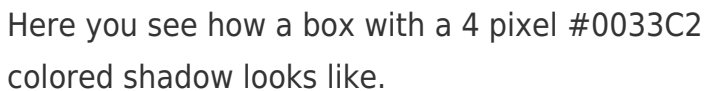
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0033C2 }
```

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

```
.border{ border-color:#0033C2 }
```

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



Here you see how a box with a 4 pixel #0033C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0033C2; -webkit-box-shadow:4px 4px  
4px 4px #0033C2; box-shadow:4px 4px 4px  
4px #0033C2 }
```

Background

The CSS property to change the background color of an element to Hex 0033C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0033C2 }
```

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

```
.background{ background-color:#0033C2 }
```

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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