

Converting Colors

Hex(2B00CC)

Have a look what the booklet for
Hex(2B00CC) contains.

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Color

Hex(2B00CC)

Conversions

Conversions Part 1

Format	Color
Hex	2B00CC
RGB	43, 0, 204
RGB Percent	17%, 0%, 80%
CMY	0.8314, 1.0000, 0.2000
CMYK	0.79, 1.00, 0.00, 0.20
HSL	253°, 100%, 40%
HSV	253°, 100%, 80%
XYZ	11.8953, 4.8732, 57.4404
YIQ	36.1130, -39.8560, 72.5600

Conversions

Conversions Part 2

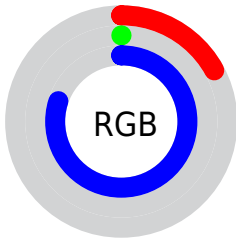
Format	Color
R_{YB}	43, 0, 204
Decimal	2818252
CIE _{Lab}	26.37, 67.47, -88.55
CIE _{LCh}	26, 111.326, 307.305
Yxy	4.8732, 0.1603, 0.0657
Android (android.graphics.Color)	4281008332 (0xFF2B00CC)
YUV	36.1130, 82.7683, 6.0399
Hunter-Lab	22.0754, 57.5530, -138.8205

Details

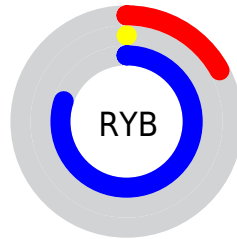
The Hex color **2B00CC** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **A1CC00**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **7842FF**, and **000094** is the 20% darker color. If you saturate the color by 10%, you get **2B00CC**, and if you desaturate by 10%, it is **3B14CC**.

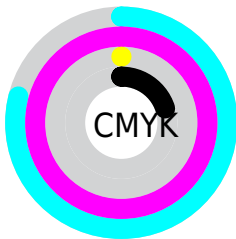
Distribution



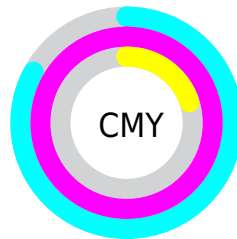
- Red (17%)
- Green (0%)
- Blue (80%)



- Red (17%)
- Yellow (0%)
- Blue (80%)



- Cyan (79%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2B00CC 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 2B00CC by changing the saturation by 10% instead.

 2B00CC

 2B00CC

FFFFFF

 0000B0

 7842FF

 000094

 985CFF

 000079

 B777FF

 00085F

 D792FF

 000846

 F6AEFF

 00042F

 FFCBFF

 000119

 FFE7FF

 000000

 2B00CC

 3B14CC

 4B29CC

 5B3DCC

 6B52CC

 7C66CC

 8C7ACC

 9C8FCC

 ACA3CC

 BCB8CC

Harmonies

Analogous

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



004BF1



2B00CC



A80082

Triad

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



2B00CC



7E1400



005753

Complementary

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



2B00CC



A1CC00

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.



005400



2B00CC



3A4300

Square

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



2B00CC



AD0000



005000



005AA8

Rectangle

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



2B00CC



BE004B



005000



005634

Sweetspot

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



2B00CC



C3B3FF



00A3CC



5B5280



000000



808080

Same Dimension

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



2B00CC



3600FF



8F00CC



5E5C66



2300A6



080026

Inverse Universe

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



CC00A1



FF00C9



3DCC00



665C64



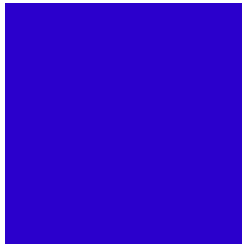
A60083



26001E

Previews

White Background



This preview shows how the Hex color 2B00CC looks on a white background.

Color Contrast Check

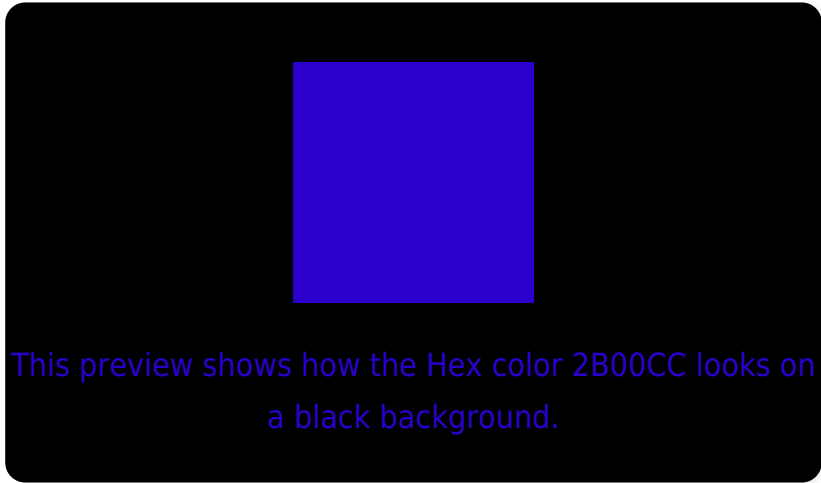
Large Text (above 18pt) WCAG AA ✓ Pass

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

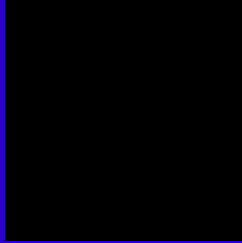
Any Text WCAG AA × Fail

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 2B00CC Background



This preview shows how black text looks on a background with the Hex color 2B00CC.



This preview shows how white text looks on a background with the Hex color 2B00CC.

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
2B00CC

Protanopia
003E82

Deuteranopia
00426F



Tritanopia
00484B

Trichromacy



Original Color
2B00CC

Protanomaly
10279D

Deuteranomaly
102A91

Tritanomaly
102E7A

Monochromacy



Original Color
2B00CC

Achromatopsia
242424

Achromatomaly
271761

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B00CC 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 #2B00CC looks like.

```
.text, #text, p{  
    color:#2B00CC  
}
```

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 #2B00CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B00CC
}
```

Border

The CSS property to change the border of an element to Hex 2B00CC 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".

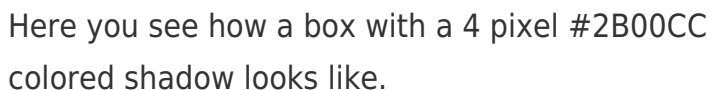
```
.border, #border, table{ border:4px solid
#2B00CC }
```

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

```
.border{ border-color:#2B00CC }
```

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

Here you see how a box with a 4 pixel #2B00CC colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B00CC; -webkit-box-shadow:4px 4px  
4px 4px #2B00CC; box-shadow:4px 4px 4px  
4px #2B00CC }
```

Background

The CSS property to change the background color of an element to Hex 2B00CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B00CC }
```

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

```
.background{ background-color:#2B00CC }
```

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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