

Converting Colors

Hex(4000B3)

Have a look what the booklet for
Hex(4000B3) contains.

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Color

Hex(4000B3)

Conversions

Conversions Part 1

Format	Color
Hex	4000B3
RGB	64, 0, 179
RGB Percent	25%, 0%, 70%
CMY	0.7490, 1.0000, 0.2980
CMYK	0.64, 1.00, 0.00, 0.30
HSL	261°, 100%, 35%
HSV	261°, 100%, 70%
XYZ	10.2510, 4.3447, 42.9461
YIQ	39.5420, -19.3150, 69.2370

Conversions

Conversions Part 2

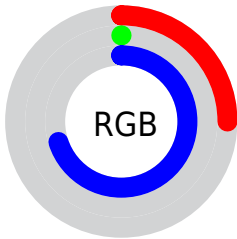
Format	Color
RYB	64, 0, 179
Decimal	4194483
CIELab	24.78, 62.23, -76.36
CIELCh	25, 98.507, 309.176
Yxy	4.3447, 0.1781, 0.0755
Android (android.graphics.Color)	4282384563 (0xFF4000B3)
YUV	39.5420, 68.7528, 21.4497
Hunter-Lab	20.8439, 51.3098, -107.5689

Details

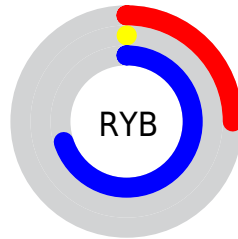
The Hex color **4000B3** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **73B300**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **8041EC**, and **00007D** is the 20% darker color. If you saturate the color by 10%, you get **4000B3**, and if you desaturate by 10%, it is **4B12B3**.

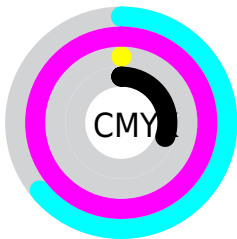
Distribution



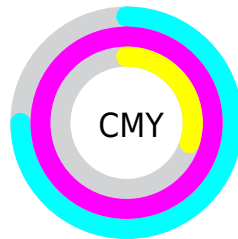
- Red (25%)
- Green (0%)
- Blue (70%)



- Red (25%)
- Yellow (0%)
- Blue (70%)



- Cyan (64%)
- Magenta (100%)
- Yellow (0%)
- Black (30%)



- Cyan (75%)
- Magenta (100%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4000B3 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 4000B3 by changing the saturation by 10% instead.

 4000B3

 4000B3

FFFFFF

 130097

 8041EC

 00007D

 9E5BFF

 000063

 BC76FF

 000949

 DA91FF

 000432

 F9ADFF

 00021C

 FFC9FF

 000000

 FFE6FF

 4000B3

 4B12B3

 5724B3

 6236B3

 6E48B3

 795AB3

 856BB3

 907DB3

 9C8FB3

 A7A1B3

Harmonies

Analogous

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



0043D6



4000B3



9B0072

Triad

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



4000B3



711D00



005151

Complementary

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



4000B3



73B300

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.



004F00



4000B3



344000

Square

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



4000B3



9B0000



004B00



00539B

Rectangle

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



4000B3



AD0041



004B00



005137

Sweetspot

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



4000B3



BBA2E8



0074B3



5A4B75



F5F5F5



757575

Same Dimension

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



4000B3



5300E8



9800B3



545059



370099



09001A

Inverse Universe

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



B30073



E80095



1BB300



595056



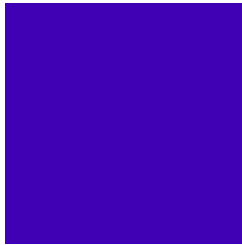
990062



1A0010

Previews

White Background



This preview shows how the Hex color 4000B3 looks on a white background.

Color Contrast Check

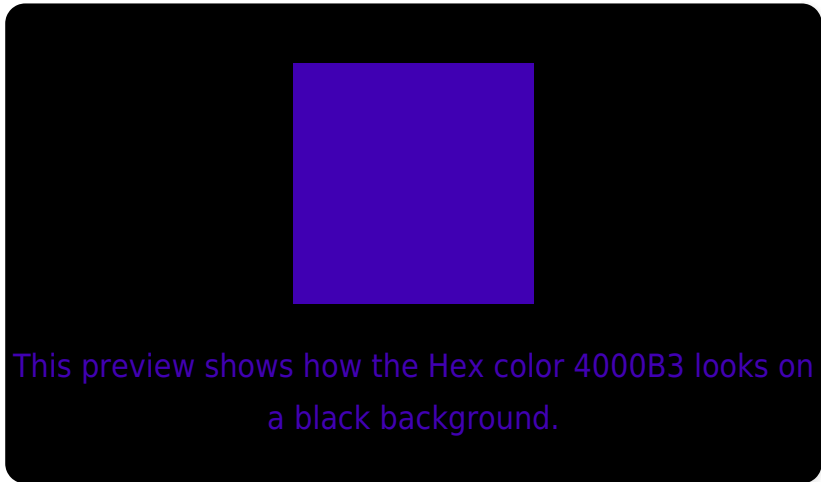
Large Text (above 18pt) WCAG AA ✓ Pass

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

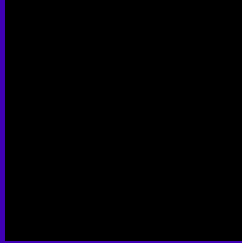
Any Text WCAG AA × Fail

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 4000B3 Background



This preview shows how black text looks on a background with the Hex color 4000B3.



This preview shows how white text looks on a background with the Hex color 4000B3.

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
4000B3

Protanopia
003B7D

Deuteranopia
003F6A



Tritanopia
004449

Trichromacy



Original Color
4000B3

Protanomaly
172691

Deuteranomaly
172885

Tritanomaly
172B70

Monochromacy



Original Color
4000B3

Achromatopsia
282828

Achromatomaly
31195B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4000B3 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 #4000B3 looks like.

```
.text, #text, p{  
    color:#4000B3  
}
```

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 #4000B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4000B3
}
```

Border

The CSS property to change the border of an element to Hex 4000B3 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
#4000B3 }
```

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

```
.border{ border-color:#4000B3 }
```

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

Here you see how a box with a 4 pixel #4000B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4000B3; -webkit-box-shadow:4px 4px  
4px 4px #4000B3; box-shadow:4px 4px 4px  
4px #4000B3 }
```

Background

The CSS property to change the background color of an element to Hex 4000B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4000B3 }
```

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

```
.background{ background-color:#4000B3 }
```

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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