

Converting Colors

Hex(4300D3)

Have a look what the booklet for
Hex(4300D3) contains.

Hex(4300D3)	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(4300D3)

Conversions

Conversions Part 1

Format	Color
Hex	4300D3
RGB	67, 0, 211
RGB Percent	26%, 0%, 83%
CMY	0.7373, 1.0000, 0.1725
CMYK	0.68, 1.00, 0.00, 0.17
HSL	259°, 100%, 41%
HSV	259°, 100%, 83%
XYZ	14.0726, 5.8964, 62.0244
YIQ	44.0870, -27.7990, 79.8250

Conversions

Conversions Part 2

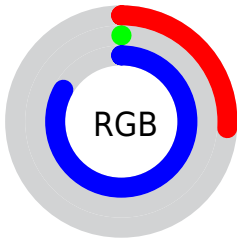
Format	Color
RYB	67, 0, 211
Decimal	4391123
CIELab	29.15, 69.90, -87.95
CIELCh	29, 112.345, 308.479
Yxy	5.8964, 0.1716, 0.0719
Android (android.graphics.Color)	4282581203 (0xFF4300D3)
YUV	44.0870, 82.2881, 20.0947
Hunter-Lab	24.2826, 60.9525, -134.4452

Details

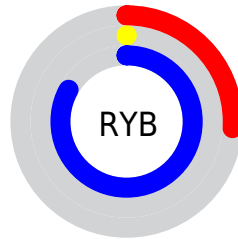
The Hex color **4300D3** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **90D300**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **8845FF**, and **00009B** is the 20% darker color. If you saturate the color by 10%, you get **4300D3**, and if you desaturate by 10%, it is **5115D3**.

Distribution



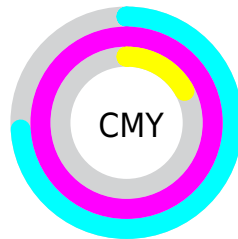
- Red (26%)
- Green (0%)
- Blue (83%)



- Red (26%)
- Yellow (0%)
- Blue (83%)



- Cyan (68%)
- Magenta (100%)
- Yellow (0%)
- Black (17%)



- Cyan (74%)
- Magenta (100%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4300D3 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 4300D3 by changing the saturation by 10% instead.

4300D3

4300D3

FFFFFF

0700B6

8845FF

00009B

A760FF

000080

C77CFF

000065

E697FF

00094C

FFB3FF

000534

FFD0FF

00021E

FFEDFF

000001

000000

 4300D3

 5115D3

 602AD3

 6E3FD3

 7D54D3

 8B6AD3

 997FD3

 A894D3

 B6A9D3

 C5BED3

Harmonies

Analogous

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



0050FB



4300D3



B40087

Triad

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



4300D3



841F00



005E5D

Complementary

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



4300D3



90D300

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.



005C00



4300D3



3E4A00

Square

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



4300D3



B60000



005700



0061B3

Rectangle

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



4300D3



C9004E



005700



005D3E

Sweetspot

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



4300D3



CBB3FF



0090D3



605280



000000



808080

Same Dimension

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



4300D3



5100FF



AC00D3



615E69



3500A8



0D0029

Inverse Universe

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



D30090



FF00AE



27D300



695E65



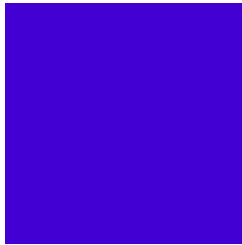
A80073



29001C

Previews

White Background



This preview shows how the Hex color 4300D3 looks on a white background.

Color Contrast Check

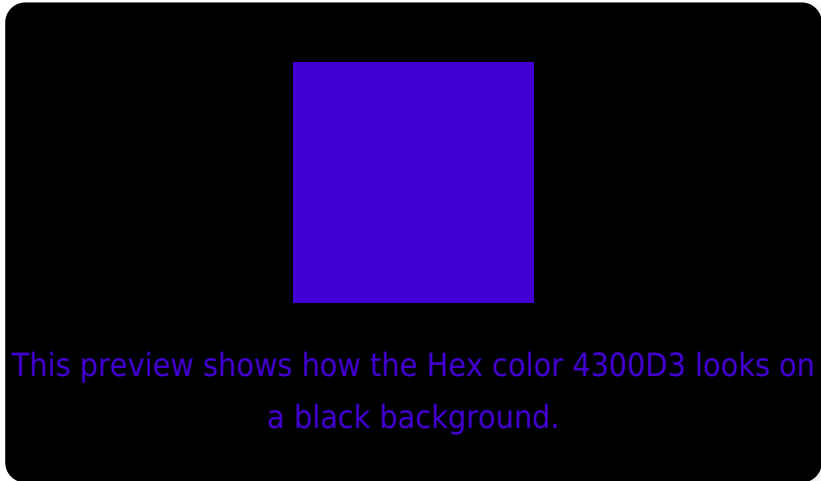
Large Text (above 18pt) WCAG AA ✓ Pass

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

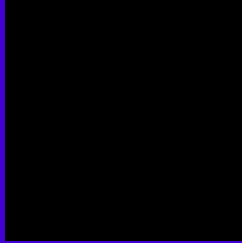
Any Text WCAG AA × Fail

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 4300D3 Background



This preview shows how black text looks on a background with the Hex color 4300D3.

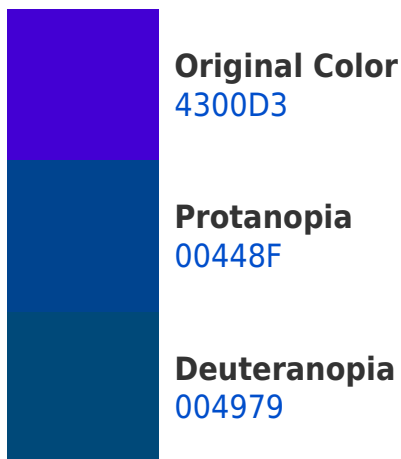


This preview shows how white text looks on a background with the Hex color 4300D3.

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





Tritanopia
004E53

Trichromacy



Original Color
4300D3

Protanomaly
182BA8

Deuteranomaly
182E9A

Tritanomaly
183282

Monochromacy



Original Color
4300D3

Achromatopsia
2C2C2C

Achromatomaly
341C69

CSS Examples

Text

The CSS property to change the color of the text to Hex 4300D3 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 #4300D3 looks like.

```
.text, #text, p{  
    color:#4300D3  
}
```

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 #4300D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4300D3
}
```

Border

The CSS property to change the border of an element to Hex 4300D3 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
#4300D3 }
```

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

```
.border{ border-color:#4300D3 }
```

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

Here you see how a box with a 4 pixel #4300D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4300D3; -webkit-box-shadow:4px 4px  
4px 4px #4300D3; box-shadow:4px 4px 4px  
4px #4300D3 }
```

Background

The CSS property to change the background color of an element to Hex 4300D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4300D3 }
```

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

```
.background{ background-color:#4300D3 }
```

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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