

Converting Colors

Hex(4300E4)

Have a look what the booklet for
Hex(4300E4) contains.

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Color

Hex(4300E4)

Conversions

Conversions Part 1

Format	Color
Hex	4300E4
RGB	67, 0, 228
RGB Percent	26%, 0%, 89%
CMY	0.7373, 1.0000, 0.1059
CMYK	0.71, 1.00, 0.00, 0.11
HSL	258°, 100%, 45%
HSV	258°, 100%, 89%
XYZ	16.3183, 6.7947, 73.8502
YIQ	46.0250, -33.2560, 85.1120

Conversions

Conversions Part 2

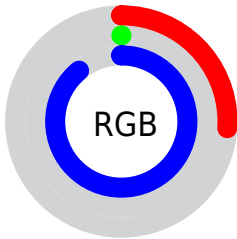
Format	Color
RYB	67, 0, 228
Decimal	4391140
CIELab	31.33, 73.87, -94.11
CIELCh	31, 119.637, 308.128
Yxy	6.7947, 0.1683, 0.0701
Android (android.graphics.Color)	4282581220 (0xFF4300E4)
YUV	46.0250, 89.7137, 18.3951
Hunter-Lab	26.0667, 66.1282, -149.7293

Details

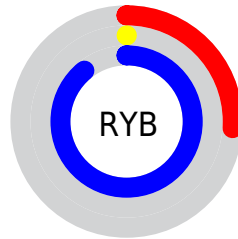
The Hex color **4300E4** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **A1E400**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **8B47FF**, and **0000AB** is the 20% darker color. If you saturate the color by 10%, you get **4300E4**, and if you desaturate by 10%, it is **5317E4**.

Distribution



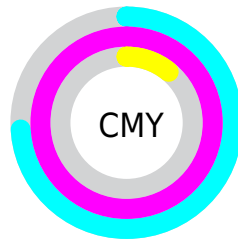
- Red (26%)
- Green (0%)
- Blue (89%)



- Red (26%)
- Yellow (0%)
- Blue (89%)



- Cyan (71%)
- Magenta (100%)
- Yellow (0%)
- Black (11%)



- Cyan (74%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4300E4 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 4300E4 by changing the saturation by 10% instead.

4300E4

4300E4

FFFFFF

0000C7

8B47FF

0000AB

AB63FF

00008F

CB7FFF

000074

EB9AFF

000D5A

FFB7FF

000742

FFD3FF

00032B

FFF1FF

000115

000000

 4300E4

 5317E4

 632EE4

 7344E4

 835BE4

 9472E4

 A489E4

 B4A0E4

 C4B6E4

 D4CDE4

Harmonies

Analogous

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



0056FF



4300E4



C00092

Triad

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



4300E4



8F2000



006563

Complementary

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



4300E4



A1E400

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.



006200



4300E4



444F00

Square

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



4300E4



C30000



005E00



0068C0

Rectangle

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



4300E4



D80055



005E00



006442

Sweetspot

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



4300E4



C9B3FF



00A3E4



5F5280



000000



808080

Same Dimension

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



4300E4



4B00FF



B300E4



6B6773



3400B3



0F0033

Inverse Universe

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



E400A1



FF00B4



31E400



73676F



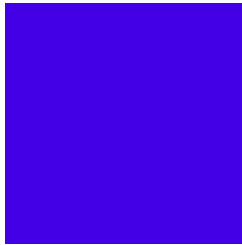
B3007E



330024

Previews

White Background



This preview shows how the Hex color 4300E4 looks on a white background.

Color Contrast Check

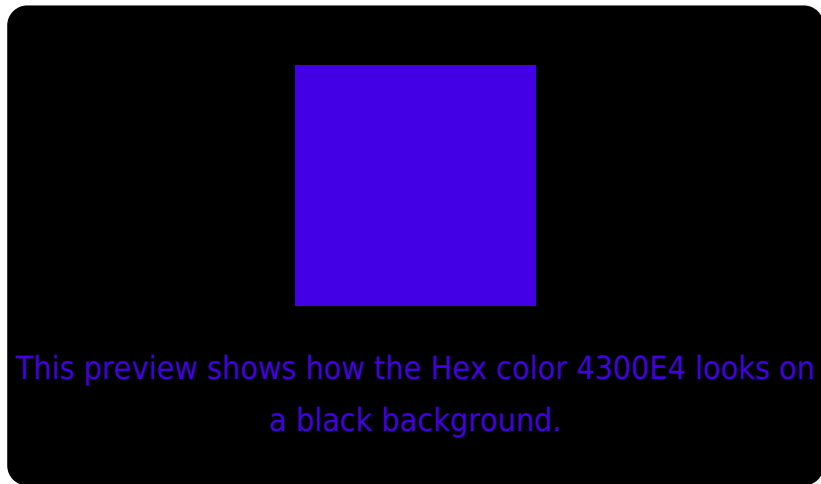
Large Text (above 18pt) WCAG AA ✓ Pass

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

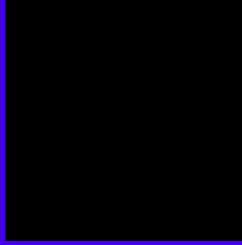
Any Text WCAG AA × Fail

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 4300E4 Background



This preview shows how black text looks on a background with the Hex color 4300E4.

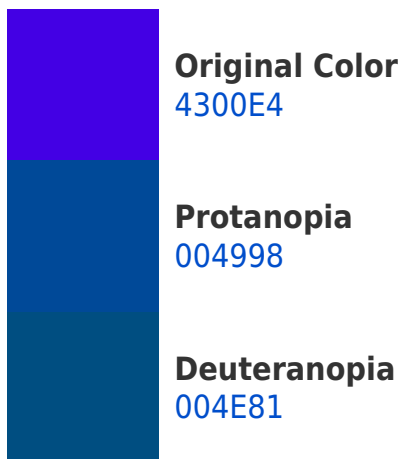


This preview shows how white text looks on a background with the Hex color 4300E4.

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
4300E4

Protanomaly
182EB4

Deuteranomaly
1832A5

Tritanomaly
18358B

Monochromacy



Original Color
4300E4

Achromatopsia
2E2E2E

Achromatomaly
361D70

CSS Examples

Text

The CSS property to change the color of the text to Hex 4300E4 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 #4300E4 looks like.

```
.text, #text, p{  
    color:#4300E4  
}
```

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 #4300E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4300E4
}
```

Border

The CSS property to change the border of an element to Hex 4300E4 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".

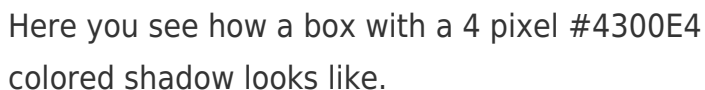
```
.border, #border, table{ border:4px solid
#4300E4 }
```

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

```
.border{ border-color:#4300E4 }
```

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

Here you see how a box with a 4 pixel #4300E4 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 4-pixel offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4300E4; -webkit-box-shadow:4px 4px  
4px 4px #4300E4; box-shadow:4px 4px 4px  
4px #4300E4 }
```

Background

The CSS property to change the background color of an element to Hex 4300E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4300E4 }
```

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

```
.background{ background-color:#4300E4 }
```

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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