

# Converting Colors

Hex(4300F7)

Have a look what the booklet for  
Hex(4300F7) contains.

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**Color**

**Hex(4300F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4300F7
RGB	67, 0, 247
RGB Percent	26%, 0%, 97%
CMY	0.7373, 1.0000, 0.0314
CMYK	0.73, 1.00, 0.00, 0.03
HSL	256°, 100%, 48%
HSV	256°, 100%, 97%
XYZ	19.1032, 7.9087, 88.5154
YIQ	48.1910, -39.3550, 91.0210

# Conversions

## Conversions Part 2

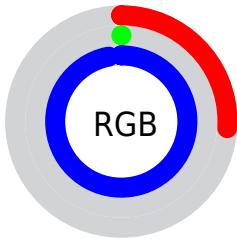
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 0, 247
Decimal	4391159
CIELab	33.79, 78.26, -100.81
CIELCh	34, 127.623, 307.823
Yxy	7.9087, 0.1654, 0.0685
Android (android.graphics.Color)	4282581239 (0xFF4300F7)
YUV	48.1910, 98.0128, 16.4955
Hunter-Lab	28.1224, 72.0389, -166.9299

# Details

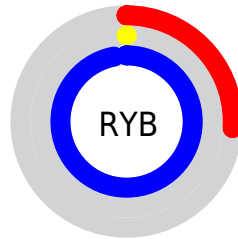
The Hex color **4300F7** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **B4F700**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **8F4AFF**, and **0000BD** is the 20% darker color. If you saturate the color by 10%, you get **4300F7**, and if you desaturate by 10%, it is **5519F7**.

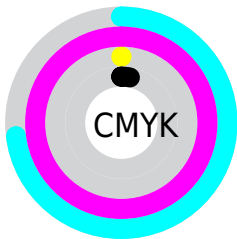
# Distribution



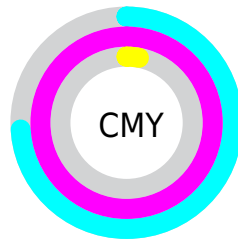
- Red (26%)
- Green (0%)
- Blue (97%)



- Red (26%)
- Yellow (0%)
- Blue (97%)



- Cyan (73%)
- Magenta (100%)
- Yellow (0%)
- Black (3%)



- Cyan (74%)
- Magenta (100%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4300F7 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 4300F7 by changing the saturation by 10% instead.



 4300F7

 4300F7

FFFFFF

 0000DA

 8F4AFF

 0000BD

 B066FF

 0000A1

 D182FF

 000085

 F19EFF

 000C6B

 FFBAFF

 000B51

 FFD7FF

 000539

 FFF5FF

 000223

 000009

 4300F7

 5519F7

 6731F7

 794AF7

 8B63F7

 9D7CF7

 AF94F7

 C1ADF7

 D3C6F7

 E5DEF7

# Harmonies

## Analogous

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



005DFF



4300F7



CF009F

# Triad

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



4300F7



9B2000



006C69

# Complementary

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



4300F7



B4F700

# 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.



006900



4300F7



495500

# Square

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



4300F7



D30000



006500



0070CE

# Rectangle

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



4300F7



E9005C



006500



006B46



# Sweetspot

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



4300F7



C7B3FF



00B5F7



5E5280



000000



808080



# Same Dimension

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



4300F7



4500FF



BD00F7



716E7A



3200BA



10003B



# Inverse Universe

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



F700B4



FF00BA



3AF700



7A6E77



BA0088

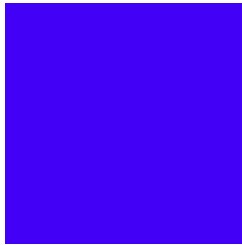


3B002B



# Previews

## White Background



This preview shows how the Hex color 4300F7 looks on a white background.

## Color Contrast Check

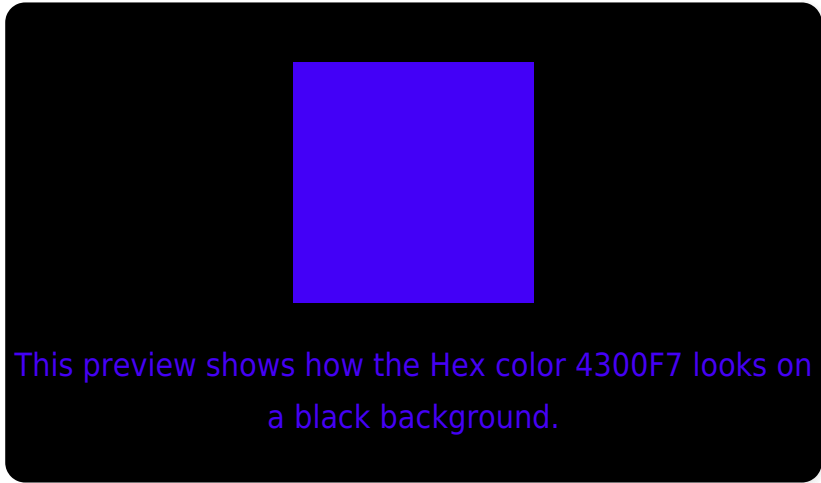
Large Text (above 18pt) WCAG AA ✓ Pass

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

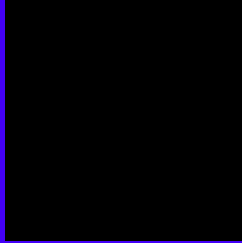
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4300F7 Background



This preview shows how black text looks on a background with the Hex color 4300F7.

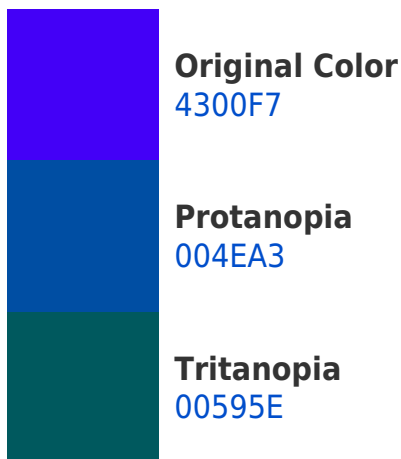


This preview shows how white text looks on a background with the Hex color 4300F7.

# 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**  
4300F7

**Protanomaly**  
1832C2

**Tritanomaly**  
183996

# Monochromacy



**Original Color**  
4300F7

**Achromatopsia**  
303030

**Achromatomaly**  
371F78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4300F7 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 #4300F7 looks like.

```
.text, #text, p{  
    color:#4300F7  
}
```

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 #4300F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4300F7
}
```

## Border

The CSS property to change the border of an element to Hex 4300F7 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".

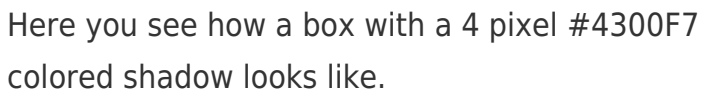
```
.border, #border, table{ border:4px solid
#4300F7 }
```

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

```
.border{ border-color:#4300F7 }
```

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

Here you see how a box with a 4 pixel #4300F7 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 #4300F7; -webkit-box-shadow:4px 4px  
4px 4px #4300F7; box-shadow:4px 4px 4px  
4px #4300F7 }
```

# Background

The CSS property to change the background color of an element to Hex 4300F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4300F7 }
```

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

```
.background{ background-color:#4300F7 }
```

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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