

# Converting Colors

Hex(8300DE)

Have a look what the booklet for  
Hex(8300DE) contains.

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**Color**

**Hex(8300DE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8300DE
RGB	131, 0, 222
RGB Percent	51%, 0%, 87%
CMY	0.4863, 1.0000, 0.1294
CMYK	0.41, 1.00, 0.00, 0.13
HSL	275°, 100%, 44%
HSV	275°, 100%, 87%
XYZ	22.5449, 10.0992, 69.8683
YIQ	64.4770, 6.8140, 96.8140

# Conversions

## Conversions Part 2

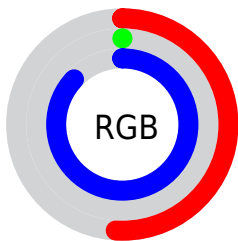
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 0, 222
Decimal	8585438
CIE Lab	38.02, 76.66, -79.37
CIE LCh	38, 110.348, 314.007
Yxy	10.0992, 0.2199, 0.0985
Android (android.graphics.Color)	4286775518 (0xFF8300DE)
YUV	64.4770, 77.6588, 58.3407
Hunter-Lab	31.7793, 71.0180, -108.1066

# Details

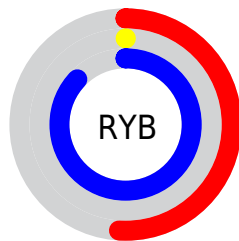
The Hex color **8300DE** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **5BDE00**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **C050FF**, and **4400A5** is the 20% darker color. If you saturate the color by 10%, you get **8300DE**, and if you desaturate by 10%, it is **8C16DE**.

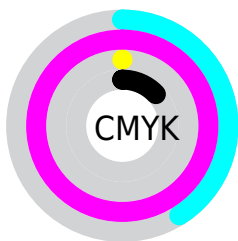
# Distribution



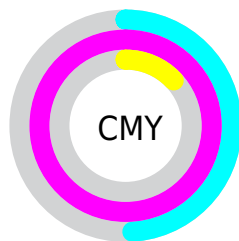
- Red (51%)
- Green (0%)
- Blue (87%)



- Red (51%)
- Yellow (0%)
- Blue (87%)



- Cyan (41%)
- Magenta (100%)
- Yellow (0%)
- Black (13%)



- Cyan (49%)
- Magenta (100%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8300DE 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 8300DE by changing the saturation by 10% instead.



 8300DE

 8300DE

FFFFFF

 6400C1

 C050FF

 4400A5

 DE6DFF

 1B008A

 FD8AFF

 000070

 FFA7FF

 000056

 FFC4FF

 00063D

 FFE1FF

 000327

 000110

 000000

 8300DE

 8C16DE

 952CDE

 9E43DE

 A759DE

 B16FDE

 BA85DE

 C39BDE

 CCB2DE

 D5C8DE

# Harmonies

## Analogous

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



005CFF



8300DE



D7008D

# Triad

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



8300DE



944200



007783

# Complementary

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



8300DE



5BDE00

# 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.



007422



8300DE



466300

# Square

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



8300DE



CB0000



007000



0079D8

# Rectangle

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



8300DE



E70053



007000



007664



# Sweetspot

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



8300DE



E0B3FF



005DDE



6D5280



000000



808080



# Same Dimension

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



8300DE



9600FF



DE00CC



6C6570



6800B0



1D0030



# Inverse Universe

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



DE005B



FF0069



00DE12



70656A



B00048

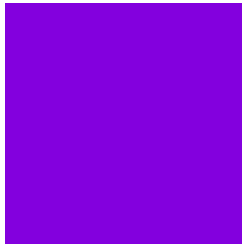


300014



# Previews

## White Background



This preview shows how the Hex color 8300DE looks on a white background.

## Color Contrast Check

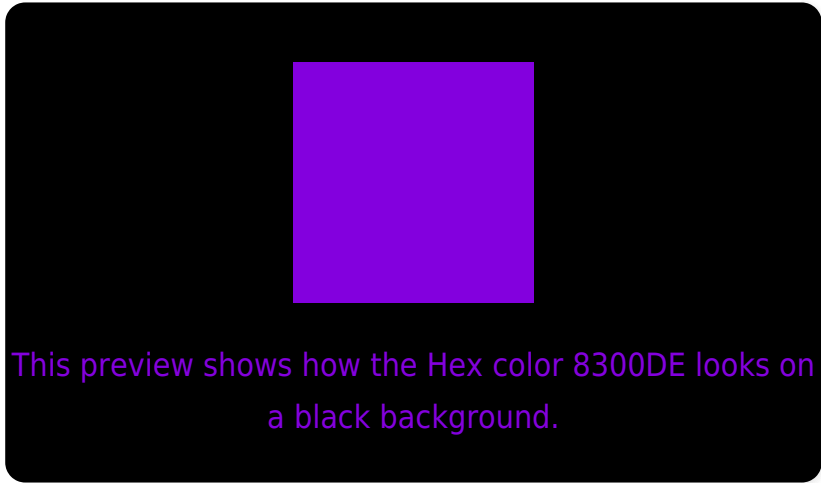
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

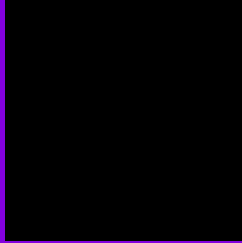
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8300DE Background



This preview shows how black text looks on a background with the Hex color 8300DE.




This preview shows how white text looks on a background with the Hex color 8300DE.

# 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](#).

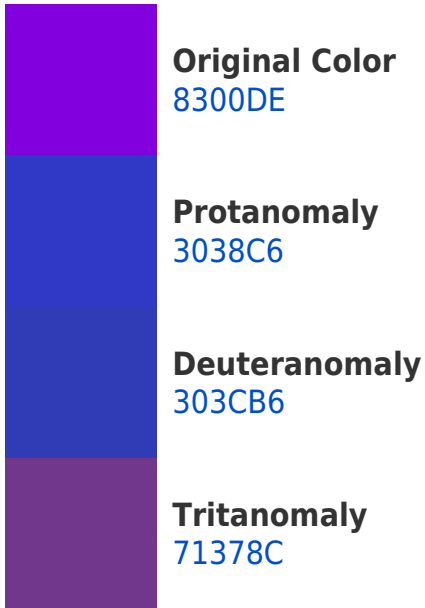
## Dichromacy



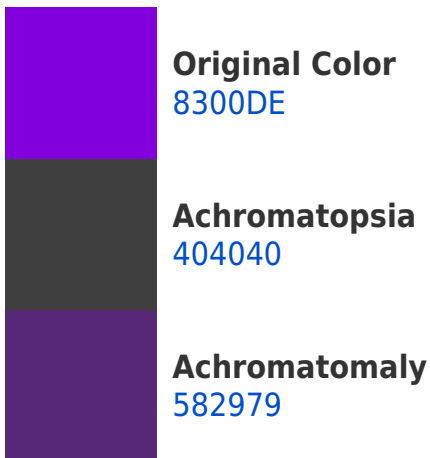


**Tritanopia**  
67575D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8300DE 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 #8300DE looks like.

```
.text, #text, p{  
    color:#8300DE  
}
```

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 #8300DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8300DE
}
```

## Border

The CSS property to change the border of an element to Hex 8300DE 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".

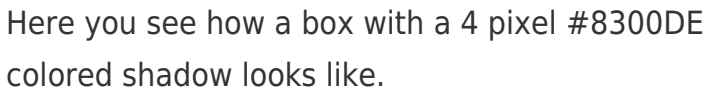
```
.border, #border, table{ border:4px solid
#8300DE }
```

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

```
.border{ border-color:#8300DE }
```

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

Here you see how a box with a 4 pixel #8300DE colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8300DE; -webkit-box-shadow:4px 4px  
4px 4px #8300DE; box-shadow:4px 4px 4px  
4px #8300DE }
```

# Background

The CSS property to change the background color of an element to Hex 8300DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8300DE }
```

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

```
.background{ background-color:#8300DE }
```

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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