

Converting Colors

Hex(8500DF)

Have a look what the booklet for
Hex(8500DF) contains.

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Color

Hex(8500DF)

Conversions

Conversions Part 1

Format	Color
Hex	8500DF
RGB	133, 0, 223
RGB Percent	52%, 0%, 87%
CMY	0.4784, 1.0000, 0.1255
CMYK	0.40, 1.00, 0.00, 0.13
HSL	276°, 100%, 44%
HSV	276°, 100%, 87%
XYZ	22.9921, 10.3143, 70.5911
YIQ	65.1890, 7.6850, 97.5490

Conversions

Conversions Part 2

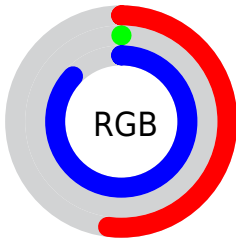
Format	Color
R_{YB}	133, 0, 223
Decimal	8716511
CIE _{Lab}	38.40, 77.06, -79.30
CIE _{LCh}	38, 110.575, 314.177
Yxy	10.3143, 0.2213, 0.0993
Android (android.graphics.Color)	4286906591 (0xFF8500DF)
YUV	65.1890, 77.8008, 59.4702
Hunter-Lab	32.1158, 71.5879, -107.8393

Details

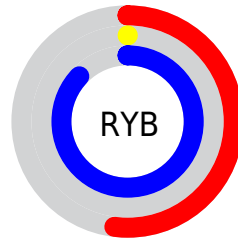
The Hex color **8500DF** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **5ADF00**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **C251FF**, and **4600A6** is the 20% darker color. If you saturate the color by 10%, you get **8500DF**, and if you desaturate by 10%, it is **8E16DF**.

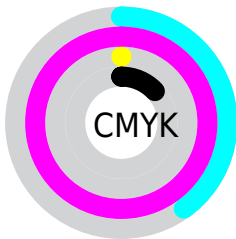
Distribution



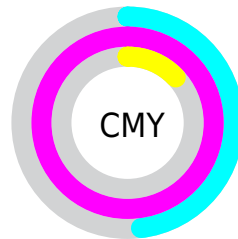
- Red (52%)
- Green (0%)
- Blue (87%)



- Red (52%)
- Yellow (0%)
- Blue (87%)



- Cyan (40%)
- Magenta (100%)
- Yellow (0%)
- Black (13%)



- Cyan (48%)
- Magenta (100%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8500DF 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 8500DF by changing the saturation by 10% instead.

 8500DF

 8500DF

FFFFFF

 6600C2

 C251FF

 4600A6

 E06EFF

 1F008B

 FF8AFF

 000071

 FFA7FF

 000057

 FFC4FF

 00063E

 FFE2FF

 000327

 000111

 000000

 8500DF

 8E16DF

 972DDF

 A043DF

 A959DF

 B270DF

 BB86DF

 C49CDF

 CDB2DF

 D6C9DF

Harmonies

Analogous

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



005CFF



8500DF



D8008E

Triad

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



8500DF



944300



007885

Complementary

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



8500DF



5ADF00

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.



007523



8500DF



466400

Square

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



8500DF



CC0000



007100



007ADA

Rectangle

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



8500DF



E80053



007100



007766

Sweetspot

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



8500DF



E0B3FF



005DDF



6D5280



000000



808080

Same Dimension

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



8500DF



9800FF



DF00CC



6C6570



6900B0



1D0030

Inverse Universe

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



DF005A



FF0067



00DF13



70656A



B00047



300014

Previews

White Background



This preview shows how the Hex color 8500DF looks on a white background.

Color Contrast Check

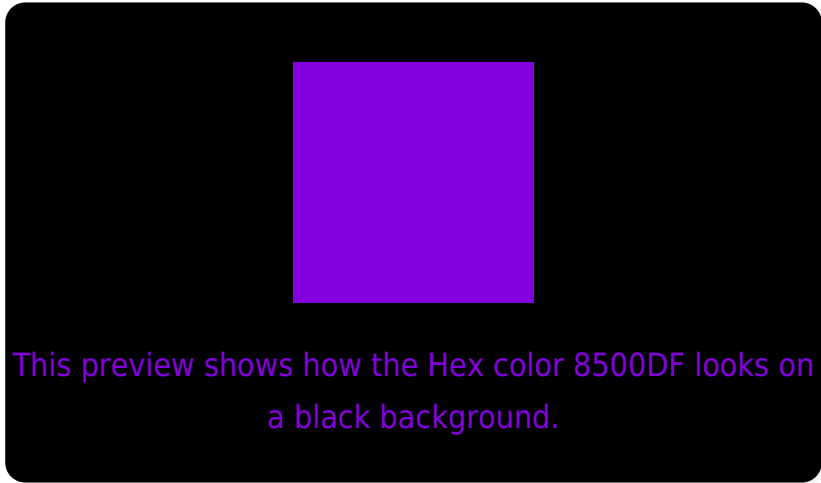
Large Text (above 18pt) WCAG AA ✓ Pass

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 8500DF Background



This preview shows how black text looks on a background with the Hex color 8500DF.

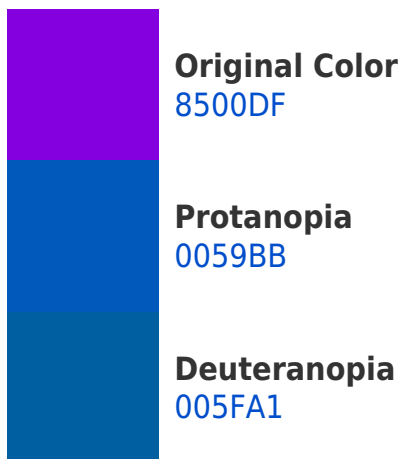


This preview shows how white text looks on a background with the Hex color 8500DF.

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
69575E

Trichromacy



Original Color
8500DF



Protanomaly
3039C8



Deuteranomaly
303CB8



Tritanomaly
73378D

Monochromacy



Original Color
8500DF



Achromatopsia
414141



Achromatomaly
5A297A

CSS Examples

Text

The CSS property to change the color of the text to Hex 8500DF 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 #8500DF looks like.

```
.text, #text, p{  
    color:#8500DF  
}
```

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 #8500DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8500DF  
}
```

Border

The CSS property to change the border of an element to Hex 8500DF is called "border". The border property can be set on classes, ids or directly on the HTML element.

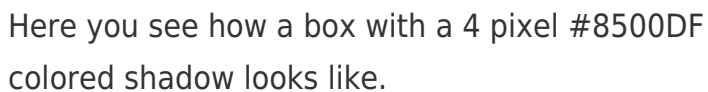
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8500DF }
```

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

```
.border{ border-color:#8500DF }
```

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



Here you see how a box with a 4 pixel #8500DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8500DF; -webkit-box-shadow:4px 4px  
4px 4px #8500DF; box-shadow:4px 4px 4px  
4px #8500DF }
```

Background

The CSS property to change the background color of an element to Hex 8500DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8500DF }
```

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

```
.background{ background-color:#8500DF }
```

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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