

# Converting Colors

Hex(896FDA)

Have a look what the booklet for  
Hex(896FDA) contains.

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**Color**

**Hex(896FDA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	896FDA
RGB	137, 111, 218
RGB Percent	54%, 44%, 85%
CMY	0.4627, 0.5647, 0.1451
CMYK	0.37, 0.49, 0.00, 0.15
HSL	255°, 59%, 65%
HSV	255°, 49%, 85%
XYZ	28.6559, 21.7492, 69.0174
YIQ	130.9720, -18.8510, 38.7890

# Conversions

## Conversions Part 2

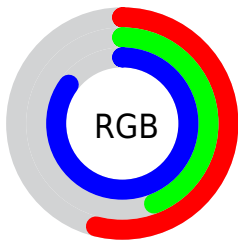
Format	Color
R <sub>Y</sub> B	137, 111, 218
Decimal	9007066
CIE <sub>Lab</sub>	53.76, 34.58, -51.53
CIE <sub>LCh</sub>	54, 62.055, 303.867
Y <sub>xy</sub>	21.7492, 0.2400, 0.1821
Android (android.graphics.Color)	4287197146 (0xFF896FDA)
YUV	130.9720, 42.9048, 5.2866
Hunter-Lab	46.6360, 28.0676, -55.0989

# Details

The Hex color **896FDA** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C0DA6F**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **C2A3FF**, and **523EA2** is the 20% darker color. If you saturate the color by 10%, you get **7859DA**, and if you desaturate by 10%, it is **9A85DA**.

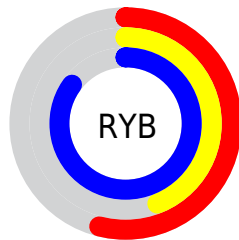
# Distribution



Red (54%)

Green (44%)

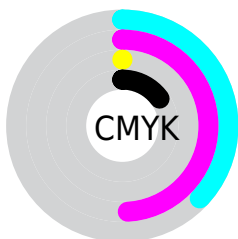
Blue (85%)



Red (54%)

Yellow (44%)

Blue (85%)

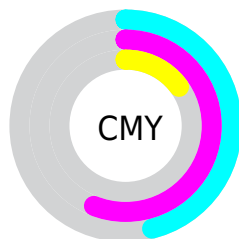


Cyan (37%)

Magenta (49%)

Yellow (0%)

Black (15%)



Cyan (46%)

Magenta (56%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 896FDA 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 896FDA by changing the saturation by 10% instead.



896FDA

896FDA

FFFFFF

6D56BE

C2A3FF

523EA2

DFBEFF

352888

FCDAFF

13126E

FFF7FF

000055

00003D

000226

00010F

000000

896FDA

896FDA

7859DA

9A85DA

6843DA

AA9BDA

572EDA

BBB0DA

4718DA

CBC6DA

3602DA

DCDCDA

3500DA

ECF2DA

FDFFDA

FFFFDA

# Harmonies

## Analogous

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



0085EC



896FDA



C656B1

# Triad

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



896FDA



BE6C18



009986

# Complementary

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



896FDA



CODA6F

# 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.



00964F



896FDA



948000

# Square

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



896FDA



DA5448



5C8E1A



0098BB

# Rectangle

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



896FDA



DA4A8E



5C8E1A



009873



# Sweetspot

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



896FDA



E2D9FF



6FC1DA



6E6980



000000



808080



# Same Dimension

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



896FDA



8D69FF



BD6FDA



65636E



2A00AD



0B002E



# Inverse Universe

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



DA6FC0



FF69DA



8CDA6F



6E636B



AD0083



2E0023



# Previews

## White Background



This preview shows how the Hex color 896FDA looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

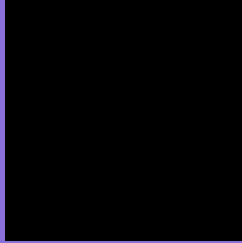
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 896FDA Background



This preview shows how black text looks on a background with the Hex color 896FDA.

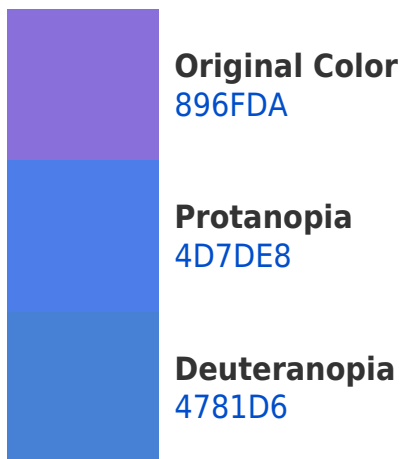


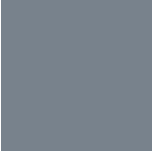
This preview shows how white text looks on a background with the Hex color 896FDA.

# 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](#).

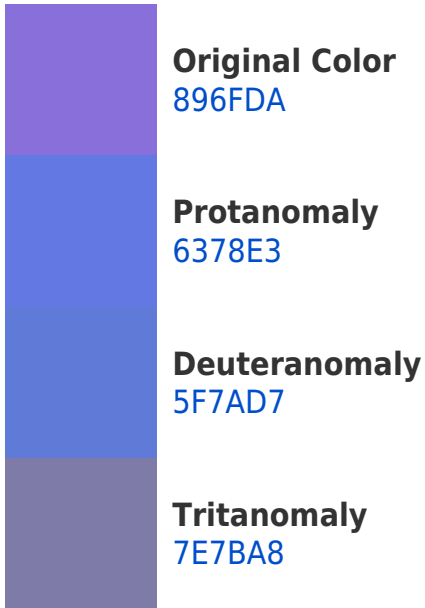
## Dichromacy



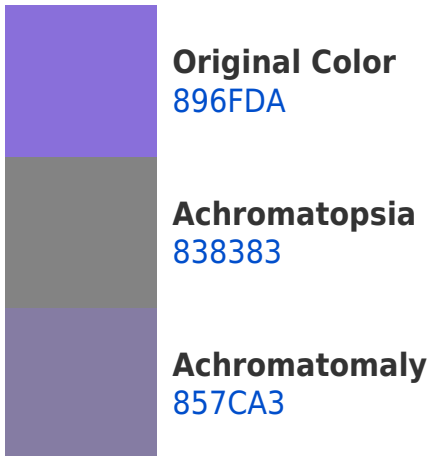


**Tritanopia**  
78828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 896FDA 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 #896FDA looks like.

```
.text, #text, p{  
    color:#896FDA  
}
```

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 #896FDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #896FDA
}
```

## Border

The CSS property to change the border of an element to Hex 896FDA is called "border". The border property can be set on classes, ids or directly on the HTML element.

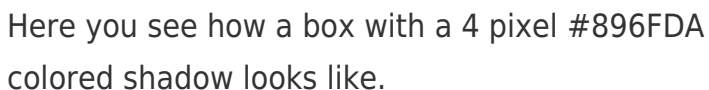
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#896FDA }
```

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

```
.border{ border-color:#896FDA }
```

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



Here you see how a box with a 4 pixel #896FDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #896FDA; -webkit-box-shadow:4px 4px  
4px 4px #896FDA; box-shadow:4px 4px 4px  
4px #896FDA }
```

# Background

The CSS property to change the background color of an element to Hex 896FDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#896FDA }
```

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

```
.background{ background-color:#896FDA }
```

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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