

# Converting Colors

Hex(8D6ACD)

Have a look what the booklet for  
Hex(8D6ACD) contains.

<b>Hex(8D6ACD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(8D6ACD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8D6ACD
RGB	141, 106, 205
RGB Percent	55%, 42%, 80%
CMY	0.4471, 0.5843, 0.1961
CMYK	0.31, 0.48, 0.00, 0.20
HSL	261°, 50%, 61%
HSV	261°, 48%, 80%
XYZ	27.1580, 20.3786, 60.2597
YIQ	127.7510, -10.9190, 38.2090

# Conversions

## Conversions Part 2

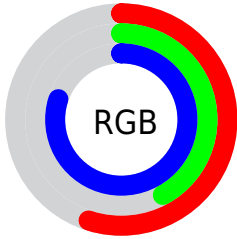
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	141, 106, 205
Decimal	9267917
CIE Lab	52.26, 35.09, -46.51
CIE LCh	52, 58.262, 307.032
Yxy	20.3786, 0.2519, 0.1890
Android (android.graphics.Color)	4287457997 (0xFF8D6ACD)
YUV	127.7510, 38.0838, 11.6194
Hunter-Lab	45.1426, 28.3867, -47.5448

# Details

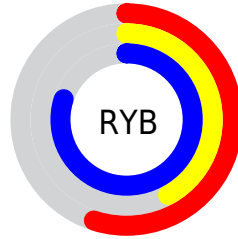
The Hex color **8D6ACD** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **AACD6A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **C59EFF**, and **573996** is the 20% darker color. If you saturate the color by 10%, you get **8056CD**, and if you desaturate by 10%, it is **9A7FCD**.

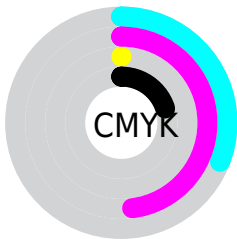
# Distribution



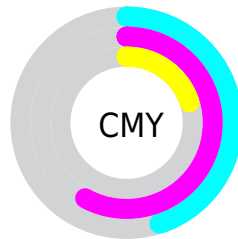
- Red (55%)
- Green (42%)
- Blue (80%)



- Red (55%)
- Yellow (42%)
- Blue (80%)



- Cyan (31%)
- Magenta (48%)
- Yellow (0%)
- Black (20%)



- Cyan (45%)
- Magenta (58%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D6ACD 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 8D6ACD by changing the saturation by 10% instead.



8D6ACD

8D6ACD

FFFFFF

7251B1

C59EFF

573996

E2B9FF

3C237C

FFD5FF

200C62

FFF2FF

01004A

000332

00021C

000000

8D6ACD

8D6ACD

8056CD

9A7FCD

7241CD

A893CD

652DCD

B5A8CD

5818CD

C2BCCD

4B04CD

CFD1CD

4800CD

DDE5CD

EAFACD

F7FFCD

FFFFCD

# Harmonies

## Analogous

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



007FE0



8D6ACD



C154A5

# Triad

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



8D6ACD



B46C19



009487

# Complementary

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



8D6ACD



AACD6A

# 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.



009153



8D6ACD



8A7E00

# Square

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



8D6ACD



CF5643



558A24



0093B8

# Rectangle

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



8D6ACD



D24B84



558A24



009376



# Sweetspot

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



8D6ACD



E8DBFF



6AAACD



716A80



000000



808080



# Same Dimension

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



8D6ACD



9F6BFF



BE6ACD



5F5C66



3B00A6



0E0026



# Inverse Universe

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



CD6AAA



FF6BCB



79CD6A



665C62



A6006B

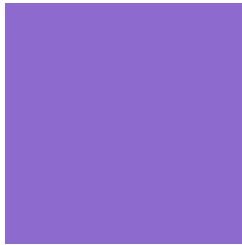


260019



# Previews

## White Background



This preview shows how the Hex color 8D6ACD looks on a white background.

## Color Contrast Check

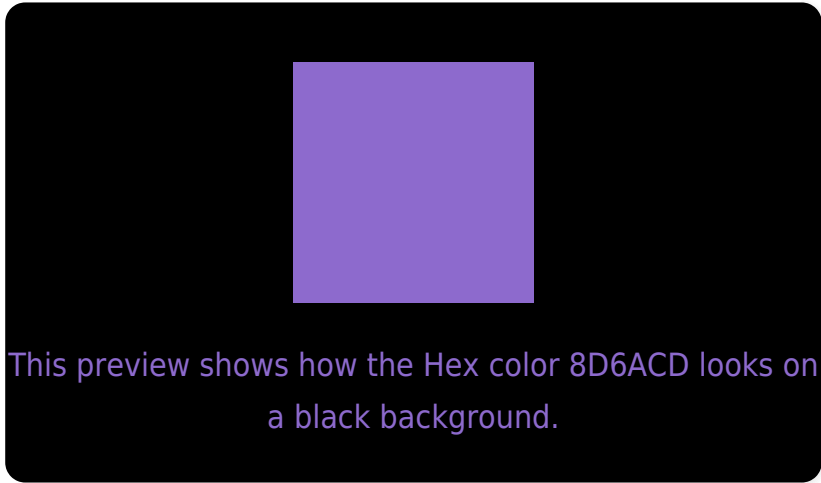
Large Text (above 18pt) WCAG AA ✓ Pass

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 8D6ACD Background



This preview shows how black text looks on a background with the Hex color 8D6ACD.

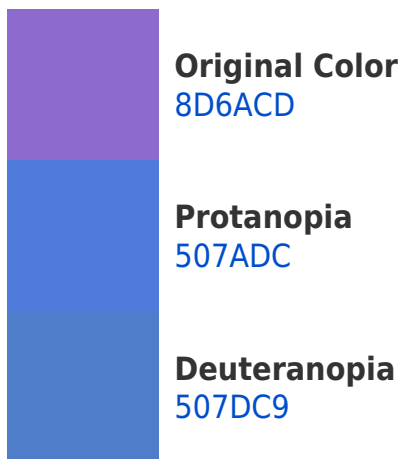


This preview shows how white text looks on a background with the Hex color 8D6ACD.

# 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



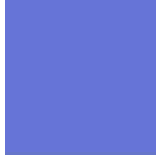


**Tritanopia**  
7F7B85

# Trichromacy



**Original Color**  
8D6ACD



**Protanomaly**  
6674D7



**Deuteranomaly**  
6676CA



**Tritanomaly**  
84759F

# Monochromacy



**Original Color**  
8D6ACD



**Achromatopsia**  
808080



**Achromatomaly**  
85789C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D6ACD 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 #8D6ACD looks like.

```
.text, #text, p{  
    color:#8D6ACD  
}
```

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 #8D6ACD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D6ACD
}
```

## Border

The CSS property to change the border of an element to Hex 8D6ACD 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
#8D6ACD }
```

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

```
.border{ border-color:#8D6ACD }
```

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

Here you see how a box with a 4 pixel #8D6ACD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D6ACD; -webkit-box-shadow:4px 4px  
4px 4px #8D6ACD; box-shadow:4px 4px 4px  
4px #8D6ACD }
```

# Background

The CSS property to change the background color of an element to Hex 8D6ACD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D6ACD }
```

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

```
.background{ background-color:#8D6ACD }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor