

# Converting Colors

Hex(8D6BDE)

Have a look what the booklet for  
Hex(8D6BDE) contains.

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# Color

Hex(8D6BDE)

# Conversions

## Conversions Part 1

Format	Color
Hex	8D6BDE
RGB	141, 107, 222
RGB Percent	55%, 42%, 87%
CMY	0.4471, 0.5804, 0.1294
CMYK	0.36, 0.52, 0.00, 0.13
HSL	258°, 64%, 65%
HSV	258°, 52%, 87%
XYZ	29.4270, 21.4520, 71.6969
YIQ	130.2760, -16.6510, 42.9730

# Conversions

## Conversions Part 2

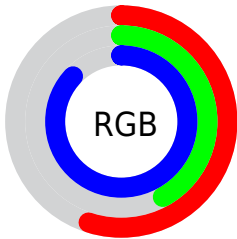
Format	Color
<a href="#">RYB</a>	<a href="#">141, 107, 222</a>
Decimal	<a href="#">9268190</a>
CIELab	<a href="#">53.44, 38.94, -54.27</a>
CIElCh	<a href="#">53, 66.795, 305.658</a>
Yxy	<a href="#">21.4520, 0.2401, 0.1750</a>
Android (android.graphics.Color)	<a href="#">4287458270 (0xFF8D6BDE)</a>
YUV	<a href="#">130.2760, 45.2199, 9.4049</a>
Hunter-Lab	<a href="#">46.3163, 32.3561, -59.3585</a>

# Details

The Hex color **8D6BDE** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **BCDE6B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **C69FFF**, and **553AA6** is the 20% darker color. If you saturate the color by 10%, you get **7D55DE**, and if you desaturate by 10%, it is **9D81DE**.

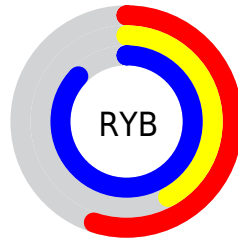
# Distribution



Red (55%)

Green (42%)

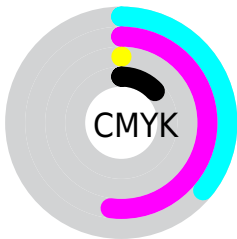
Blue (87%)



Red (55%)

Yellow (42%)

Blue (87%)

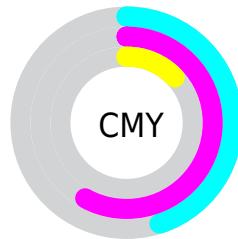


Cyan (36%)

Magenta (52%)

Yellow (0%)

Black (13%)



Cyan (45%)

Magenta (58%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D6BDE 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 8D6BDE by changing the saturation by 10% instead.



8D6BDE

8D6BDE

FFFFFF

7152C2

C69FFF

553AA6

E3BAFF

39238B

FFD6FF

170C71

FFF3FF

000058

000040

000329

000112

000000

 8D6BDE

 8D6BDE

 7D55DE

 9D81DE

 6E3FDE

 AC97DE

 5E28DE

 BCAEDE

 4E12DE

 CCC4DE

 4200DE

 DBDADE

 EBF0DE

 FAFFDE

 FFFFDE

# Harmonies

## Analogous

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



0083F3



8D6BDE



CC4EB0

# Triad

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



8D6BDE



BE6B01



009989

# Complementary

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



8D6BDE



BCDE6B

# 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.



00964D



8D6BDE



908100

# Square

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



8D6BDE



DD5040



538F0D



0099C2

# Rectangle

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



8D6BDE



E0418B



538F0D



009975



# Sweetspot

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



8D6BDE



E2D6FF



6BBDDE



6E6780



000000



808080



# Same Dimension

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



8D6BDE



9061FF



C56BDE



686570



3400B0



0E0030



# Inverse Universe

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



DE6BBC



FF61D0



84DE6B



70656D



B0007C

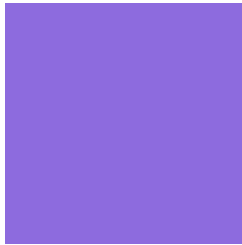


300022



# Previews

## White Background



This preview shows how the Hex color 8D6BDE looks on a white background.

## Color Contrast Check

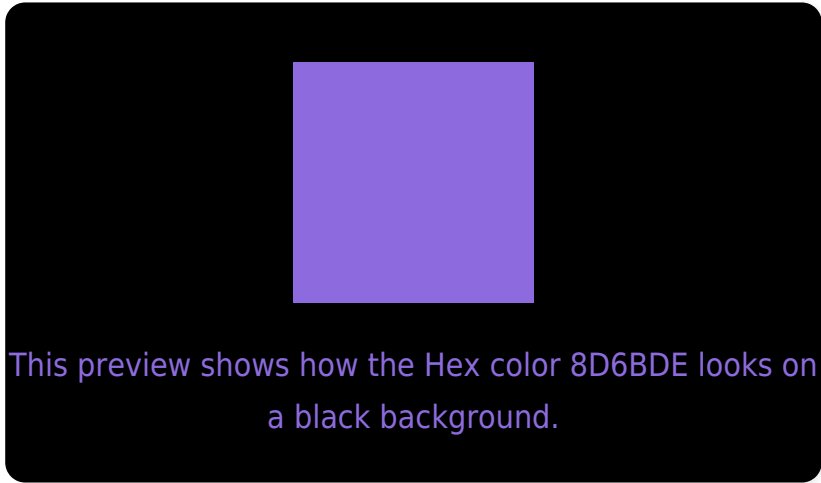
Large Text (above 18pt) WCAG AA ✓ Pass

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

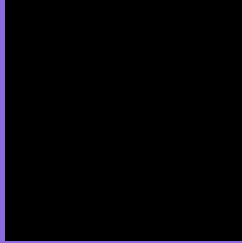
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8D6BDE Background



This preview shows how black text looks on a background with the Hex color 8D6BDE.

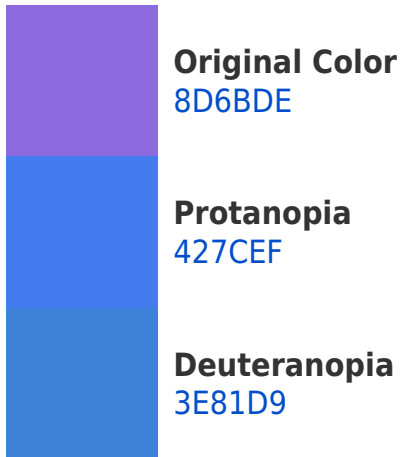


This preview shows how white text looks on a background with the Hex color 8D6BDE.

# 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**  
7B808A

# Trichromacy



**Original Color**  
8D6BDE



**Protanomaly**  
5D76E9



**Deuteranomaly**  
5B79DB



**Tritanomaly**  
8278A9

# Monochromacy



**Original Color**  
8D6BDE



**Achromatopsia**  
828282



**Achromatomaly**  
867AA3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D6BDE 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 #8D6BDE looks like.

```
.text, #text, p{  
    color:#8D6BDE  
}
```

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 #8D6BDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D6BDE
}
```

## Border

The CSS property to change the border of an element to Hex 8D6BDE 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
#8D6BDE }
```

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

```
.border{ border-color:#8D6BDE }
```

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

Here you see how a box with a 4 pixel #8D6BDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D6BDE; -webkit-box-shadow:4px 4px  
4px 4px #8D6BDE; box-shadow:4px 4px 4px  
4px #8D6BDE }
```

# Background

The CSS property to change the background color of an element to Hex 8D6BDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D6BDE }
```

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

```
.background{ background-color:#8D6BDE }
```

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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