

# Converting Colors

Hex(8D65DD)

Have a look what the booklet for  
Hex(8D65DD) contains.

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**Color**

**Hex(8D65DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8D65DD
RGB	141, 101, 221
RGB Percent	55%, 40%, 87%
CMY	0.4471, 0.6039, 0.1333
CMYK	0.36, 0.54, 0.00, 0.13
HSL	260°, 64%, 63%
HSV	260°, 54%, 87%
XYZ	28.6893, 20.1905, 70.7917
YIQ	126.6400, -14.6800, 45.8000

# Conversions

## Conversions Part 2

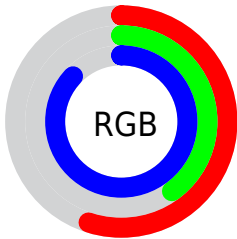
Format	Color
<a href="#">RYB</a>	<a href="#">141, 101, 221</a>
Decimal	<a href="#">9266653</a>
CIELab	<a href="#">52.05, 42.07, -55.93</a>
CIELCh	<a href="#">52, 69.989, 306.952</a>
Yxy	<a href="#">20.1905, 0.2397, 0.1687</a>
Android (android.graphics.Color)	<a href="#">4287456733 (0xFF8D65DD)</a>
YUV	<a href="#">126.6400, 46.5195, 12.5937</a>
Hunter-Lab	<a href="#">44.9339, 35.3342, -61.9555</a>

# Details

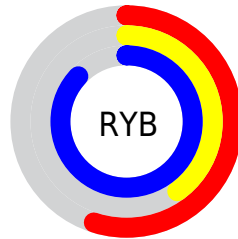
The Hex color **8D65DD** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B5DD65**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **C699FF**, and **5534A5** is the 20% darker color. If you saturate the color by 10%, you get **7E4FDD**, and if you desaturate by 10%, it is **9C7BDD**.

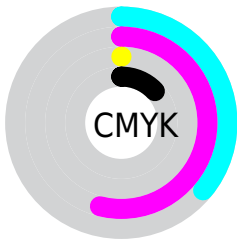
# Distribution



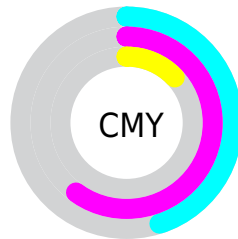
- Red (55%)
- Green (40%)
- Blue (87%)



- Red (55%)
- Yellow (40%)
- Blue (87%)



- Cyan (36%)
- Magenta (54%)
- Yellow (0%)
- Black (13%)



- Cyan (45%)
- Magenta (60%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D65DD 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 8D65DD by changing the saturation by 10% instead.



8D65DD

8D65DD

FFFFFF

714CC1

C699FF

5534A5

E3B4FF

381C8A

FFD0FF

160370

FFEDFF

000057

00003F

000328

000111

000000

8D65DD

8D65DD

7E4FDD

9C7BDD

7039DD

AA91DD

6123DD

B9A7DD

520DDD

C8BDDD

4A00DD

D7D3DD

E5EADD

F4FFDD

FFFFDD

# Harmonies

## Analogous

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



007FF4



8D65DD



CD44AC

# Triad

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



8D65DD



BA6700



009789

# Complementary

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



8D65DD



B5DD65

# 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.



00944A



8D65DD



897E00

# Square

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



8D65DD



DB4937



488C00



0096C3

# Rectangle

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



8D65DD



E13585



488C00



009674



# Sweetspot

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



8D65DD



E4D6FF



65B5DD



6F6780



000000



808080



# Same Dimension

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



8D65DD



9059FF



C965DD



66636E



3A00AD



0F002E



# Inverse Universe

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



DD65B5



FF59C8



79DD65



6E636A



AD0074

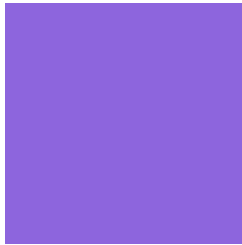


2E001F



# Previews

## White Background



This preview shows how the Hex color 8D65DD looks on a white background.

## Color Contrast Check

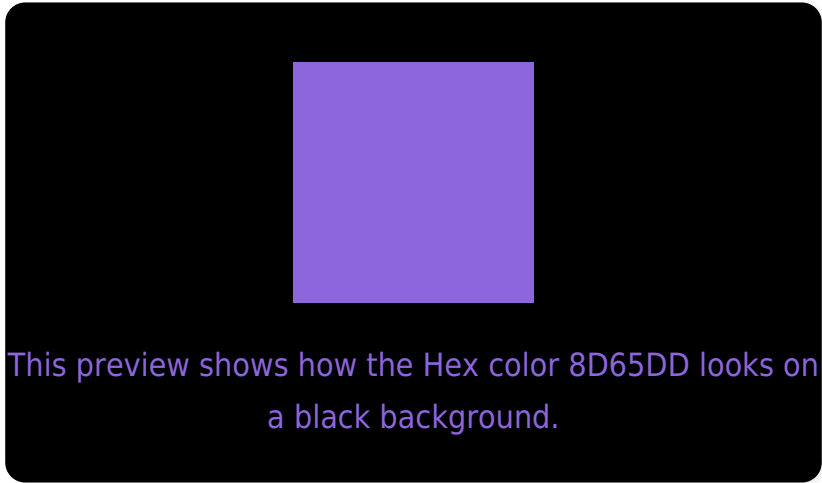
Large Text (above 18pt) WCAG AA ✓ Pass

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

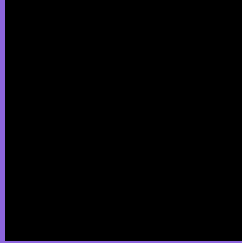
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8D65DD Background



This preview shows how black text looks on a background with the Hex color 8D65DD.

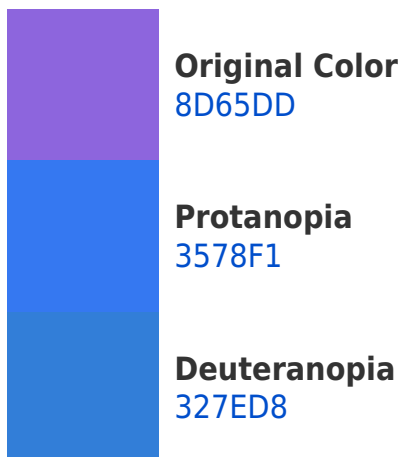


This preview shows how white text looks on a background with the Hex color 8D65DD.

# 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**  
7A7B85

# Trichromacy



**Original Color**  
8D65DD



**Protanomaly**  
5571EA



**Deuteranomaly**  
5375DA



**Tritanomaly**  
8173A5

# Monochromacy



**Original Color**  
8D65DD



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
8476A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D65DD 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 #8D65DD looks like.

```
.text, #text, p{  
    color:#8D65DD  
}
```

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 #8D65DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D65DD
}
```

## Border

The CSS property to change the border of an element to Hex 8D65DD 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
#8D65DD }
```

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

```
.border{ border-color:#8D65DD }
```

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

Here you see how a box with a 4 pixel #8D65DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D65DD; -webkit-box-shadow:4px 4px  
4px 4px #8D65DD; box-shadow:4px 4px 4px  
4px #8D65DD }
```

# Background

The CSS property to change the background color of an element to Hex 8D65DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D65DD }
```

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

```
.background{ background-color:#8D65DD }
```

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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