

# Converting Colors

Hex(8D66E8)

Have a look what the booklet for  
Hex(8D66E8) contains.

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**Color**

**Hex(8D66E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8D66E8
RGB	141, 102, 232
RGB Percent	55%, 40%, 91%
CMY	0.4471, 0.6000, 0.0902
CMYK	0.39, 0.56, 0.00, 0.09
HSL	258°, 74%, 65%
HSV	258°, 56%, 91%
XYZ	30.3014, 20.9917, 78.7987
YIQ	128.4810, -18.4860, 48.6980

# Conversions

## Conversions Part 2

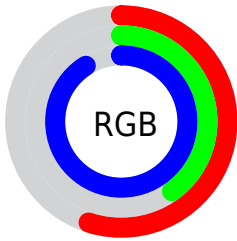
Format	Color
R <sub>Y</sub> B	141, 102, 232
Decimal	9266920
CIE Lab	52.94, 44.41, -60.70
CIE LCh	53, 75.212, 306.191
Yxy	20.9917, 0.2329, 0.1614
Android (android.graphics.Color)	4287457000 (0xFF8D66E8)
YUV	128.4810, 51.0349, 10.9792
Hunter-Lab	45.8167, 37.8739, -69.8994

# Details

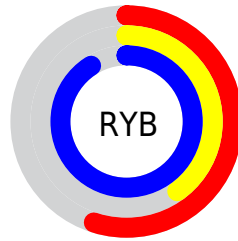
The Hex color **8D66E8** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **C1E866**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **C79AFF**, and **5435AF** is the 20% darker color. If you saturate the color by 10%, you get **7D4FE8**, and if you desaturate by 10%, it is **9D7DE8**.

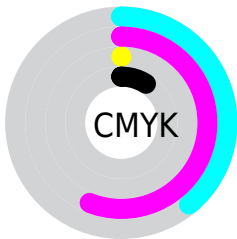
# Distribution



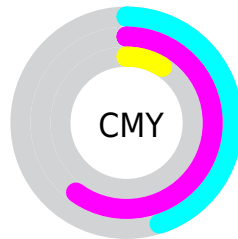
- Red (55%)
- Green (40%)
- Blue (91%)



- Red (55%)
- Yellow (40%)
- Blue (91%)



- Cyan (39%)
- Magenta (56%)
- Yellow (0%)
- Black (9%)



- Cyan (45%)
- Magenta (60%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D66E8 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 8D66E8 by changing the saturation by 10% instead.



 8D66E8

 8D66E8

FFFFFF

 704DCB

 C79AFF

 5435AF

 E4B5FF

 351D94

 FFD1FF

 0C047A

 FFEEFF

 000060

 000047

 000430

 00011A

 000000

 8D66E8

 8D66E8

 7D4FE8

 9D7DE8

 6D38E8

 AD94E8

 5C20E8

 BEACE8

 4C09E8

 CEC3E8

 4600E8

 DEDAE8

 EEF1E8

 FFFFE8

# Harmonies

## Analogous

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



0083FF



8D66E8



D440B4

# Triad

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



8D66E8



C16700



009A8B

# Complementary

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



8D66E8



C1E866

# 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.



009746



8D66E8



8D8000

# Square

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



8D66E8



E44435



468F00



009ACA

# Rectangle

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



8D66E8



EA2B8A



468F00



009A74



# Sweetspot

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



8D66E8



E1D4FF



66C1E8



6E6680



000000



808080



# Same Dimension

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



8D66E8



8754FF



CE66E8



6B6773



3600B3



0F0033



# Inverse Universe

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



E866C1



FF54CC



80E866



73676F



B3007D

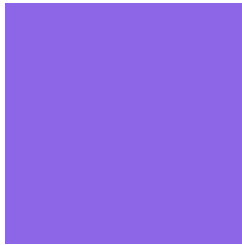


330024



# Previews

## White Background



This preview shows how the Hex color 8D66E8 looks on a white background.

## Color Contrast Check

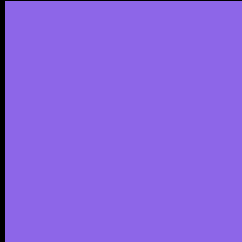
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 8D66E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

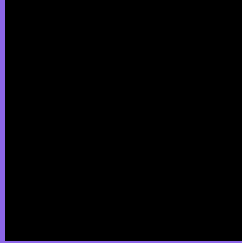
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8D66E8 Background



This preview shows how black text looks on a background with the Hex color 8D66E8.

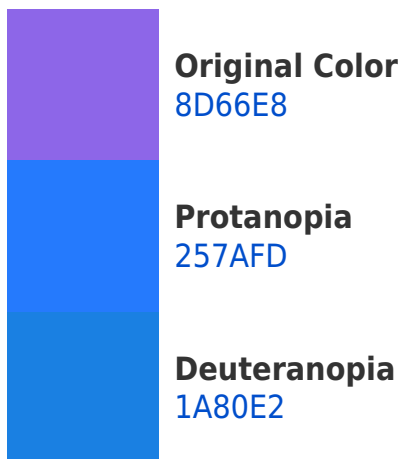


This preview shows how white text looks on a background with the Hex color 8D66E8.

# 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



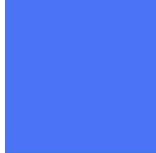


**Tritanopia**  
777F89

# Trichromacy



**Original Color**  
8D66E8



**Protanomaly**  
4B73F5



**Deuteranomaly**  
4477E4



**Tritanomaly**  
7F76AC

# Monochromacy



**Original Color**  
8D66E8



**Achromatopsia**  
808080



**Achromatomaly**  
8577A6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D66E8 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 #8D66E8 looks like.

```
.text, #text, p{  
    color:#8D66E8  
}
```

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 #8D66E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D66E8
}
```

## Border

The CSS property to change the border of an element to Hex 8D66E8 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
#8D66E8 }
```

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

```
.border{ border-color:#8D66E8 }
```

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

Here you see how a box with a 4 pixel #8D66E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D66E8; -webkit-box-shadow:4px 4px  
4px 4px #8D66E8; box-shadow:4px 4px 4px  
4px #8D66E8 }
```

# Background

The CSS property to change the background color of an element to Hex 8D66E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D66E8 }
```

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

```
.background{ background-color:#8D66E8 }
```

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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