

# Converting Colors

Hex(8D70E0)

Have a look what the booklet for  
Hex(8D70E0) contains.

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# Color

**Hex(8D70E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8D70E0
RGB	141, 112, 224
RGB Percent	55%, 44%, 88%
CMY	0.4471, 0.5608, 0.1216
CMYK	0.37, 0.50, 0.00, 0.12
HSL	256°, 64%, 66%
HSV	256°, 50%, 88%
XYZ	30.2332, 22.6329, 73.2961
YIQ	133.4390, -18.6680, 40.9800

# Conversions

## Conversions Part 2

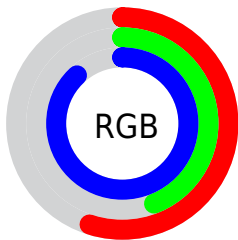
Format	Color
<a href="#">RYB</a>	<a href="#">141, 112, 224</a>
Decimal	<a href="#">9269472</a>
CIELab	<a href="#">54.69, 36.60, -53.40</a>
CIElCh	<a href="#">55, 64.741, 304.431</a>
Yxy	<a href="#">22.6329, 0.2396, 0.1794</a>
Android (android.graphics.Color)	<a href="#">4287459552 (0xFF8D70E0)</a>
YUV	<a href="#">133.4390, 44.6466, 6.6310</a>
Hunter-Lab	<a href="#">47.5740, 30.1819, -58.0448</a>

# Details

The Hex color **8D70E0** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C3E070**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **C6A4FF**, and **553FA8** is the 20% darker color. If you saturate the color by 10%, you get **7C5AE0**, and if you desaturate by 10%, it is **9E86E0**.

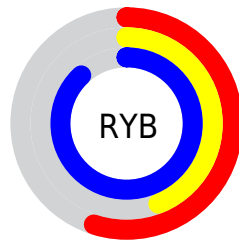
# Distribution



Red (55%)

Green (44%)

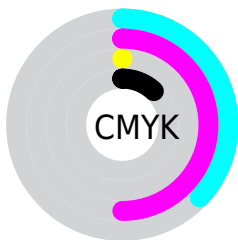
Blue (88%)



Red (55%)

Yellow (44%)

Blue (88%)

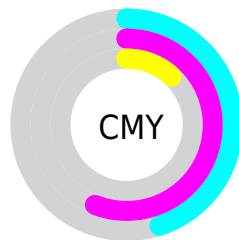


Cyan (37%)

Magenta (50%)

Yellow (0%)

Black (12%)



Cyan (45%)

Magenta (56%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D70E0 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 8D70E0 by changing the saturation by 10% instead.



8D70E0

8D70E0

FFFFFF

7157C4

C6A4FF

553FA8

E3C0FF

39288D

FFDCFF

171273

FFF8FF

00005A

000041

00032A

000114

000000

8D70E0

8D70E0

7C5AE0

9E86E0

6C43E0

AE9DE0

5B2DE0

BFB3E0

4B16E0

CFCAE0

3A00E0

E0E0E0

F1F6E0

FFFFE0

# Harmonies

## Analogous

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



0087F3



8D70E0



CC55B4

# Triad

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



8D70E0



C26E12



009C8A

# Complementary

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



8D70E0



C3E070

# 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.



009950



8D70E0



958300

# Square

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



8D70E0



DF5447



5B9116



009BC1

# Rectangle

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



8D70E0



E04990



5B9116



009C76



# Sweetspot

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



8D70E0



E3D9FF



70C4E0



6E6980



000000



808080



# Same Dimension

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



8D70E0



8E66FF



C470E0



686570



2E00B0



0D0030



# Inverse Universe

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



E070C3



FF66D7



8CE070



70656D



B00082

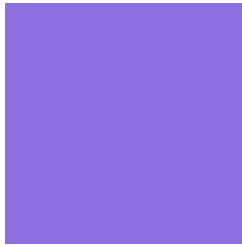


300024



# Previews

## White Background



This preview shows how the Hex color 8D70E0 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

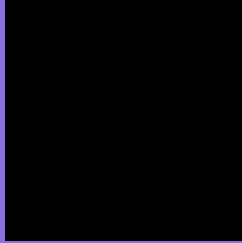
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8D70E0 Background



This preview shows how black text looks on a background with the Hex color 8D70E0.

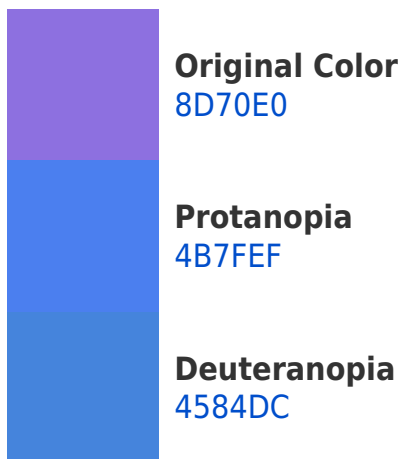


This preview shows how white text looks on a background with the Hex color 8D70E0.

# 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](#).

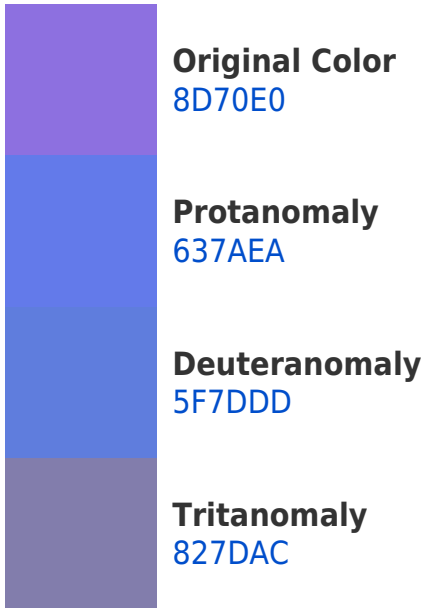
## Dichromacy



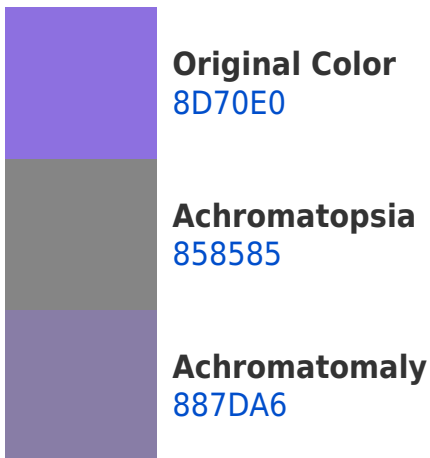


**Tritanopia**  
7B848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D70E0 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 #8D70E0 looks like.

```
.text, #text, p{  
    color:#8D70E0  
}
```

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 #8D70E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D70E0
}
```

## Border

The CSS property to change the border of an element to Hex 8D70E0 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
#8D70E0 }
```

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

```
.border{ border-color:#8D70E0 }
```

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

Here you see how a box with a 4 pixel #8D70E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D70E0; -webkit-box-shadow:4px 4px  
4px 4px #8D70E0; box-shadow:4px 4px 4px  
4px #8D70E0 }
```

# Background

The CSS property to change the background color of an element to Hex 8D70E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D70E0 }
```

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

```
.background{ background-color:#8D70E0 }
```

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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