

# Converting Colors

Hex(8D71E0)

Have a look what the booklet for  
Hex(8D71E0) contains.

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# Color

**Hex(8D71E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8D71E0
RGB	141, 113, 224
RGB Percent	55%, 44%, 88%
CMY	0.4471, 0.5569, 0.1216
CMYK	0.37, 0.50, 0.00, 0.12
HSL	255°, 64%, 66%
HSV	255°, 50%, 88%
XYZ	30.3442, 22.8548, 73.3331
YIQ	134.0260, -18.9430, 40.4570

# Conversions

## Conversions Part 2

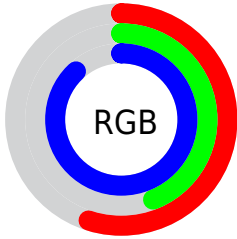
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 113, 224
Decimal	9269728
CIE <sub>Lab</sub>	54.92, 36.03, -53.03
CIE <sub>LCh</sub>	55, 64.113, 304.192
Yxy	22.8548, 0.2398, 0.1806
Android (android.graphics.Color)	4287459808 (0xFF8D71E0)
YUV	134.0260, 44.3572, 6.1162
Hunter-Lab	47.8067, 29.6370, -57.4833

# Details

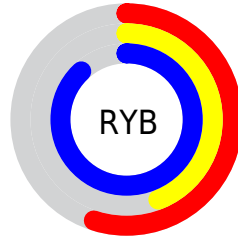
The Hex color **8D71E0** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C4E071**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **C6A5FF**, and **5540A8** is the 20% darker color. If you saturate the color by 10%, you get **7C5BE0**, and if you desaturate by 10%, it is **9E87E0**.

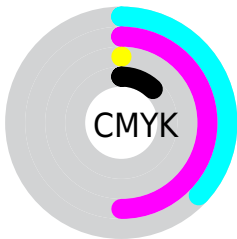
# Distribution



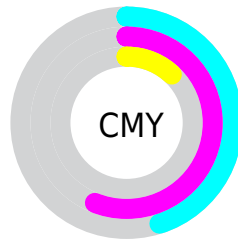
- Red (55%)
- Green (44%)
- Blue (88%)



- 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 8D71E0 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 8D71E0 by changing the saturation by 10% instead.



8D71E0

8D71E0

FFFFFF

7158C4

C6A5FF

5540A8

E3C1FF

39298D

FFDDFF

181373

FFF9FF

00005A

000041

00032A

000114

000000

8D71E0

8D71E0

7C5BE0

9E87E0

6C44E0

AE9EE0

5B2EE0

BFB4E0

4A17E0

DOCBE0

3901E0

E1E1E0

3900E0

F1F7E0

FFFFE0

# Harmonies

## Analogous

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



0088F3



8D71E0



CC57B5

# Triad

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



8D71E0



C36E16



009D8A

# Complementary

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



8D71E0



C4E071

# 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.



009A50



8D71E0



978400

# Square

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



8D71E0



E05648



5D9219



009CC1

# Rectangle

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



8D71E0



E04A91



5D9219



009C76



# Sweetspot

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



8D71E0



E2D9FF



71C4E0



6E6980



000000



808080



# Same Dimension

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



8D71E0



8F69FF



C471E0



686570



2C00B0



0C0030



# Inverse Universe

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



E071C4



FF69D9



8DE071



70656D



B00084

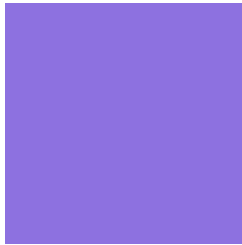


300024



# Previews

## White Background



This preview shows how the Hex color 8D71E0 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 8D71E0 Background



This preview shows how black text looks on a background with the Hex color 8D71E0.



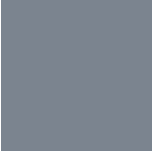
This preview shows how white text looks on a background with the Hex color 8D71E0.

# 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](#).

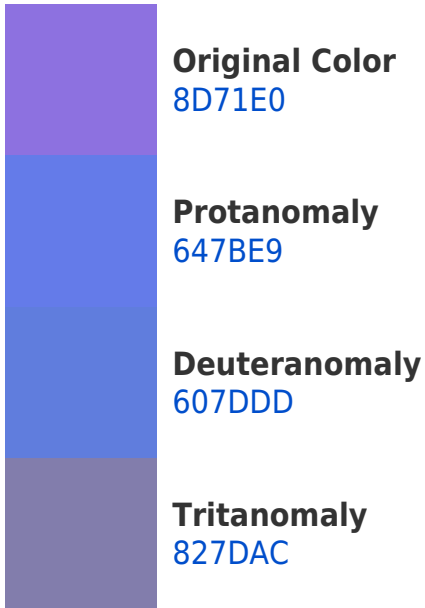
## Dichromacy





**Tritanopia**  
7B848F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D71E0 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 #8D71E0 looks like.

```
.text, #text, p{  
    color:#8D71E0  
}
```

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 #8D71E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D71E0
}
```

## Border

The CSS property to change the border of an element to Hex 8D71E0 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
#8D71E0 }
```

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

```
.border{ border-color:#8D71E0 }
```

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

Here you see how a box with a 4 pixel #8D71E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D71E0; -webkit-box-shadow:4px 4px  
4px 4px #8D71E0; box-shadow:4px 4px 4px  
4px #8D71E0 }
```

# Background

The CSS property to change the background color of an element to Hex 8D71E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D71E0 }
```

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

```
.background{ background-color:#8D71E0 }
```

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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