

# Converting Colors

Hex(8D71D0)

Have a look what the booklet for  
Hex(8D71D0) contains.

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# Color

**Hex(8D71D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8D71D0
RGB	141, 113, 208
RGB Percent	55%, 44%, 82%
CMY	0.4471, 0.5569, 0.1843
CMYK	0.32, 0.46, 0.00, 0.18
HSL	258°, 50%, 63%
HSV	258°, 46%, 82%
XYZ	28.2748, 22.0270, 62.4359
YIQ	132.2020, -13.8070, 35.4810

# Conversions

## Conversions Part 2

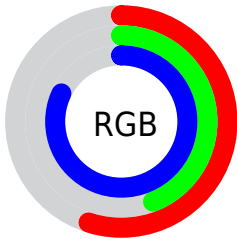
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 113, 208
Decimal	9269712
CIELab	54.06, 31.81, -45.37
CIELCh	54, 55.414, 305.037
Yxy	22.0270, 0.2508, 0.1954
Android (android.graphics.Color)	4287459792 (0xFF8D71D0)
YUV	132.2020, 37.3684, 7.7158
Hunter-Lab	46.9330, 25.4047, -46.0216

# Details

The Hex color **8D71D0** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B4D071**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **C5A5FF**, and **574099** is the 20% darker color. If you saturate the color by 10%, you get **7E5CD0**, and if you desaturate by 10%, it is **9C86D0**.

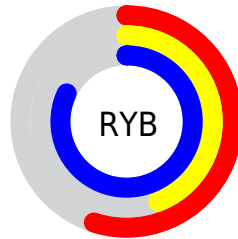
# Distribution



Red (55%)

Green (44%)

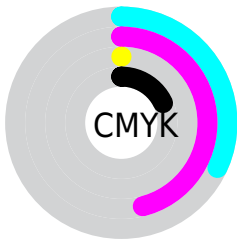
Blue (82%)



Red (55%)

Yellow (44%)

Blue (82%)

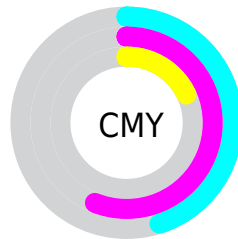


Cyan (32%)

Magenta (46%)

Yellow (0%)

Black (18%)



Cyan (45%)

Magenta (56%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D71D0 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 8D71D0 by changing the saturation by 10% instead.



8D71D0

8D71D0

FFFFFF

7258B4

C5A5FF

574099

E2C1FF

3C2A7F

FFDDFF

201465

FFF9FF

00004D

000035

00021F

000002

000000

8D71D0

8D71D0

7E5CD0

9C86D0

7047D0

AA9BD0

6133D0

B9AFD0

521ED0

C8C4D0

4409D0

D6D9D0

3D00D0

E5EED0

F4FFD0

FFFFD0

# Harmonies

## Analogous

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



0B84E1



8D71D0



C15DAB

# Triad

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



8D71D0



B97027



009888

# Complementary

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



8D71D0



B4D071

# 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.



009557



8D71D0



928214

# Square

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



8D71D0



D25D4D



608E2C



0097B7

# Rectangle

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



8D71D0



D3548B



608E2C



009777



# Sweetspot

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



8D71D0



E6DBFF



71B5D0



706A80



000000



808080



# Same Dimension

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



8D71D0



9C73FF



BB71D0



615E69



3200A8



0C0029



# Inverse Universe

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



D071B4



FF73D6



86D071



695E65



A80077

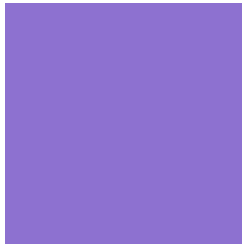


29001D



# Previews

## White Background



This preview shows how the Hex color 8D71D0 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 8D71D0 Background



This preview shows how black text looks on a background with the Hex color 8D71D0.

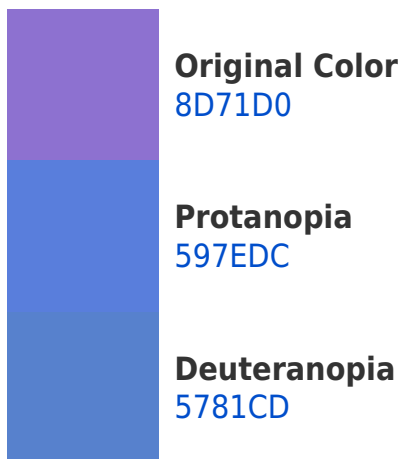


This preview shows how white text looks on a background with the Hex color 8D71D0.

# 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](#).

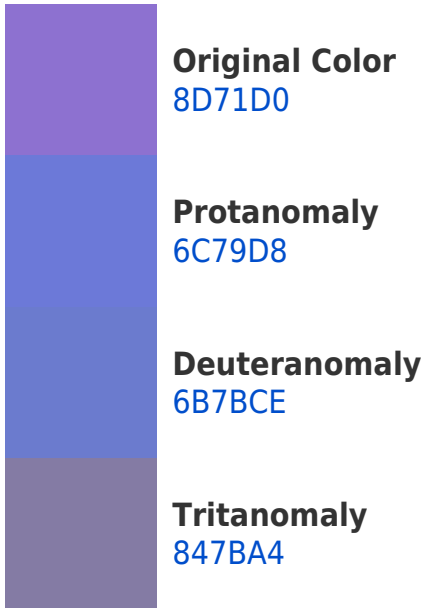
## Dichromacy



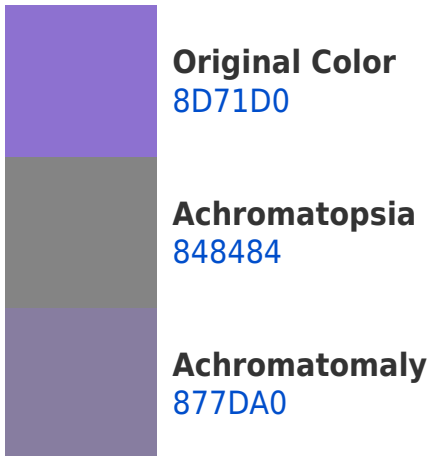


**Tritanopia**  
7F818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D71D0 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 #8D71D0 looks like.

```
.text, #text, p{  
    color:#8D71D0  
}
```

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 #8D71D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D71D0
}
```

## Border

The CSS property to change the border of an element to Hex 8D71D0 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
#8D71D0 }
```

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

```
.border{ border-color:#8D71D0 }
```

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

Here you see how a box with a 4 pixel #8D71D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D71D0; -webkit-box-shadow:4px 4px  
4px 4px #8D71D0; box-shadow:4px 4px 4px  
4px #8D71D0 }
```

# Background

The CSS property to change the background color of an element to Hex 8D71D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D71D0 }
```

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

```
.background{ background-color:#8D71D0 }
```

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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