

# Converting Colors

Hex(8272DC)

Have a look what the booklet for  
Hex(8272DC) contains.

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# Color

Hex(8272DC)

# Conversions

## Conversions Part 1

Format	Color
Hex	8272DC
RGB	130, 114, 220
RGB Percent	51%, 45%, 86%
CMY	0.4902, 0.5529, 0.1373
CMYK	0.41, 0.48, 0.00, 0.14
HSL	249°, 60%, 65%
HSV	249°, 48%, 86%
XYZ	28.1415, 21.9478, 70.4633
YIQ	130.8680, -24.4900, 36.3580

# Conversions

## Conversions Part 2

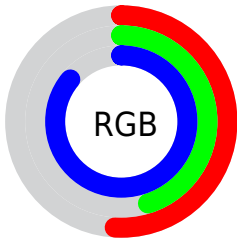
Format	Color
<a href="#">RYB</a>	<a href="#">130, 114, 220</a>
Decimal	<a href="#">8549084</a>
CIELab	<a href="#">53.97, 31.65, -52.35</a>
CIELCh	<a href="#">54, 61.177, 301.155</a>
Yxy	<a href="#">21.9478, 0.2334, 0.1821</a>
Android (android.graphics.Color)	<a href="#">4286739164</a> ( <a href="#">0xFF8272DC</a> )
YUV	<a href="#">130.8680, 43.9421, -0.7612</a>
Hunter-Lab	<a href="#">46.8484, 25.2388, -56.3823</a>

# Details

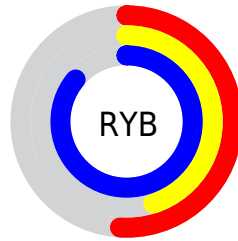
The Hex color **8272DC** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **CCDC72**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **BBA6FF**, and **4A42A4** is the 20% darker color. If you saturate the color by 10%, you get **6F5CDC**, and if you desaturate by 10%, it is **9588DC**.

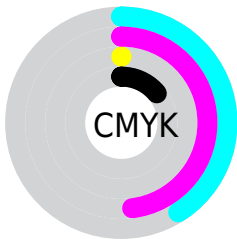
# Distribution



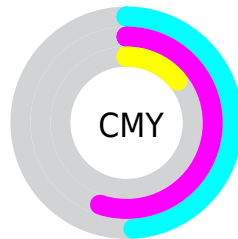
- Red (51%)
- Green (45%)
- Blue (86%)



- Red (51%)
- Yellow (45%)
- Blue (86%)



- Cyan (41%)
- Magenta (48%)
- Yellow (0%)
- Black (14%)



- Cyan (49%)
- Magenta (55%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8272DC 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 8272DC by changing the saturation by 10% instead.



 8272DC

 8272DC

FFFFFF

 6659C0

 BBA6FF

 4A42A4

 D8C1FF

 2C2B89

 F5DDFF

 00166F

 FFFAFF

 000056

 00023E

 000327

 000111

 000000

 8272DC

 8272DC

 6F5CDC

 9588DC

 5D46DC

 A79EDC

 4A30DC

 BAB4DC

 371ADC

 CDCADC

 2504DC

 DFE0DC

 2100DC

 F2F6DC

 FFFFDC

# Harmonies

## Analogous

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



0087EB



8272DC



C259B5

# Triad

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



8272DC



C26B1F



009982

# Complementary

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



8272DC



CCDC72

# 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.



00964B



8272DC



987F00

# Square

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



8272DC



DB544E



638E18



0099B6

# Rectangle

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



8272DC



D74D93



638E18



00986F



# Sweetspot

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



8272DC



E1DBFF



72CCDC



6D6A80



000000



808080



# Same Dimension

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



8272DC



816BFF



B772DC



64636E



1A00AD



07002E



# Inverse Universe

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



DC72CC



FF6BE9



97DC72



6E636C



AD0093

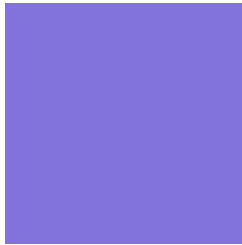


2E0027



# Previews

## White Background



This preview shows how the Hex color 8272DC looks on a white background.

## Color Contrast Check

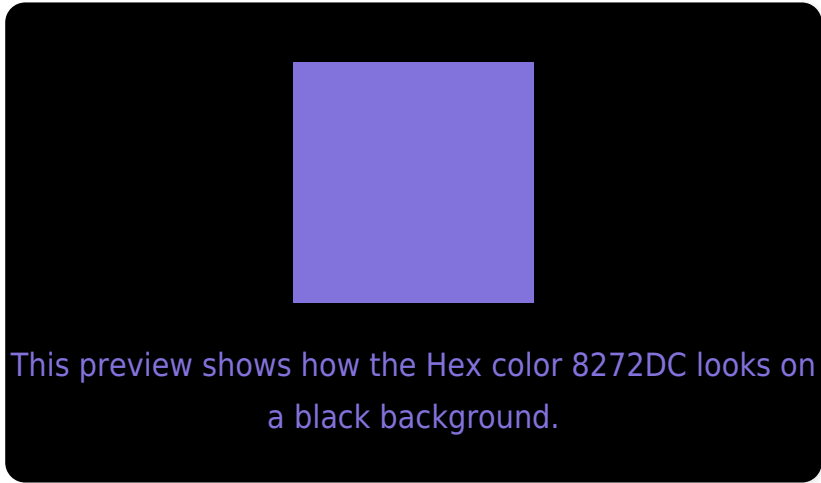
Large Text (above 18pt) WCAG AA ✓ Pass

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

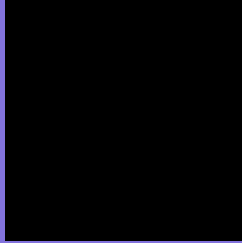
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8272DC Background



This preview shows how black text looks on a background with the Hex color 8272DC.

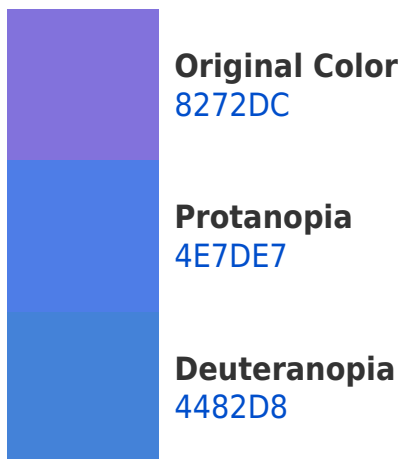


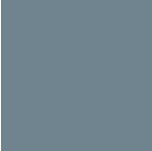
This preview shows how white text looks on a background with the Hex color 8272DC.

# 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](#).

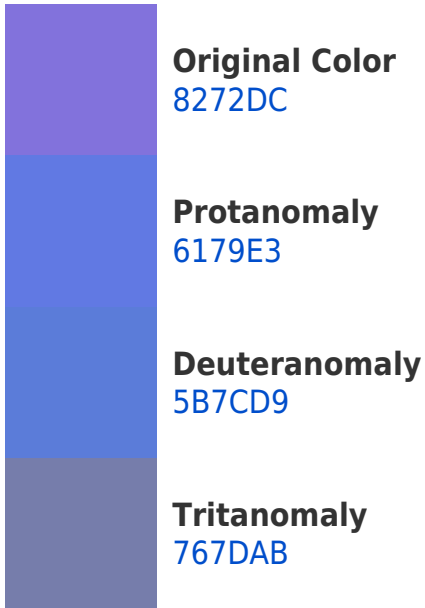
## Dichromacy



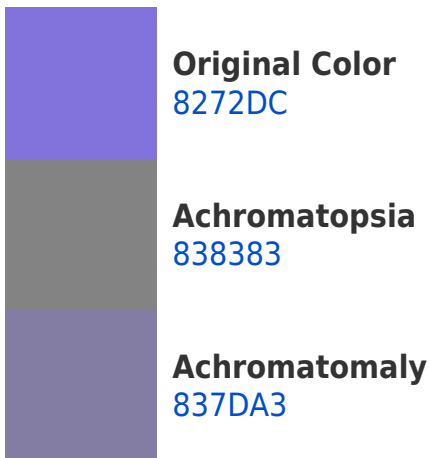


**Tritanopia**  
6F848F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8272DC 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 #8272DC looks like.

```
.text, #text, p{  
    color:#8272DC  
}
```

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 #8272DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8272DC }  
}
```

## Border

The CSS property to change the border of an element to Hex 8272DC 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 #8272DC }  
}
```

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

```
.border{ border-color:#8272DC }
```

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

Here you see how a box with a 4 pixel #8272DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8272DC; -webkit-box-shadow:4px 4px  
4px 4px #8272DC; box-shadow:4px 4px 4px  
4px #8272DC }
```

# Background

The CSS property to change the background color of an element to Hex 8272DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8272DC }
```

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

```
.background{ background-color:#8272DC }
```

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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