

Converting Colors

Hex(8172DD)

Have a look what the booklet for
Hex(8172DD) contains.

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Color

Hex(8172DD)

Conversions

Conversions Part 1

Format	Color
Hex	8172DD
RGB	129, 114, 221
RGB Percent	51%, 45%, 87%
CMY	0.4941, 0.5529, 0.1333
CMYK	0.42, 0.48, 0.00, 0.13
HSL	248°, 61%, 66%
HSV	248°, 48%, 87%
XYZ	28.1217, 21.9222, 71.1558
YIQ	130.6830, -25.4070, 36.4570

Conversions

Conversions Part 2

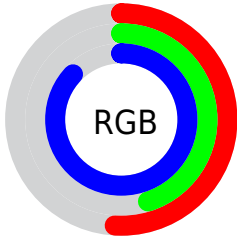
Format	Color
R _{YB}	129, 114, 221
Decimal	8483549
CIE _{Lab}	53.94, 31.69, -52.97
CIE _{LCh}	54, 61.721, 300.893
Yxy	21.9222, 0.2320, 0.1809
Android (android.graphics.Color)	4286673629 (0xFF8172DD)
YUV	130.6830, 44.5263, -1.4760
Hunter-Lab	46.8212, 25.2736, -57.3304

Details

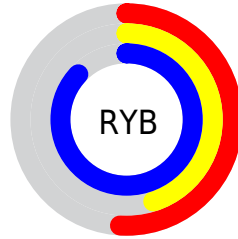
The Hex color **8172DD** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **CEDD72**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **BAA6FF**, and **4942A5** is the 20% darker color. If you saturate the color by 10%, you get **6E5CDD**, and if you desaturate by 10%, it is **9488DD**.

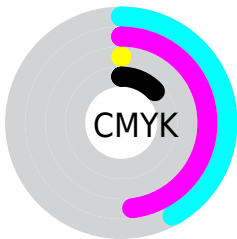
Distribution



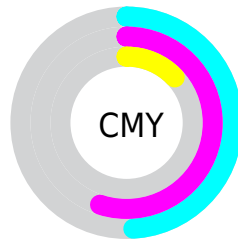
- Red (51%)
- Green (45%)
- Blue (87%)



- Red (51%)
- Yellow (45%)
- Blue (87%)



- Cyan (42%)
- Magenta (48%)
- Yellow (0%)
- Black (13%)



- Cyan (49%)
- Magenta (55%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8172DD 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 8172DD by changing the saturation by 10% instead.

8172DD

8172DD

FFFFFF

6559C1

BAA6FF

4942A5

D7C1FF

2A2B8A

F4DDFF

001670

FFFAFF

000057

00023F

000328

000112

000000

 8172DD

 8172DD

 6E5CDD

 9488DD

 5B46DD

 A79EDD

 4830DD

 BAB4DD

 351ADD

 CDCADD

 2204DD

 E0E1DD

 1F00DD

 F3F7DD

 FFFFDD

Harmonies

Analogous

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



0087EC



8172DD



C259B6

Triad

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



8172DD



C26A1E



009981

Complementary

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



8172DD



CEDD72

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.



00964A



8172DD



997F00

Square

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



8172DD



DC534E



638D16



0099B6

Rectangle

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



8172DD



D84C94



638D16



00996E

Sweetspot

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



8172DD



DED9FF



72CFDD



6C6980



000000



808080

Same Dimension

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



8172DD



806BFF



B672DD



64636E



1800AD



06002E

Inverse Universe

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



DD72CE



FF6BEA



99DD72



6E636C



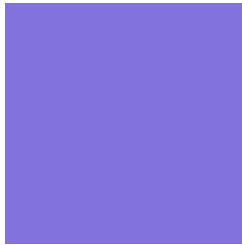
AD0095



2E0027

Previews

White Background



This preview shows how the Hex color 8172DD looks on a white background.

Color Contrast Check

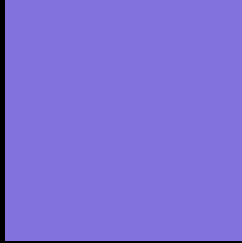
Large Text (above 18pt) WCAG AA ✓ Pass

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 8172DD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

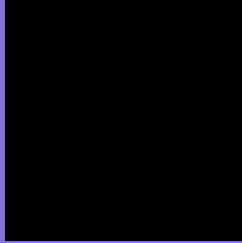
Any Text WCAG AA ✓ Pass

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 8172DD Background



This preview shows how black text looks on a background with the Hex color 8172DD.

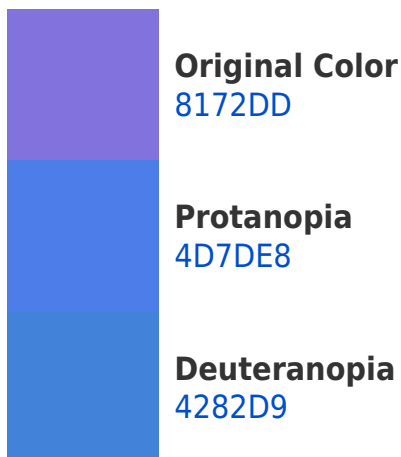



This preview shows how white text looks on a background with the Hex color 8172DD.

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](#).

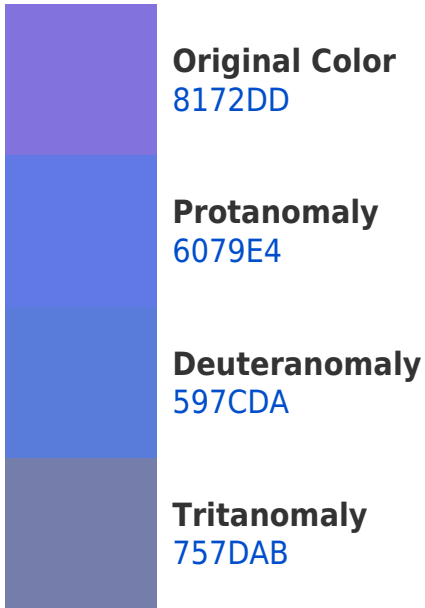
Dichromacy



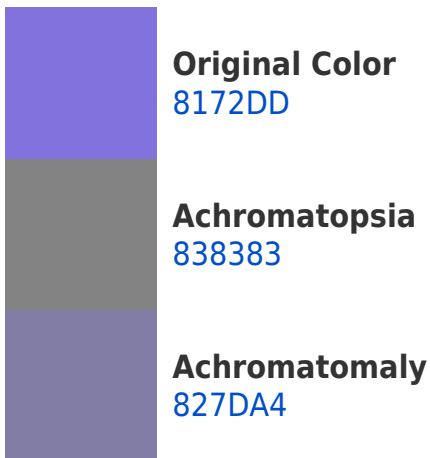


Tritanopia
6E848F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8172DD 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 #8172DD looks like.

```
.text, #text, p{  
    color:#8172DD  
}
```

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 #8172DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8172DD  
}
```

Border

The CSS property to change the border of an element to Hex 8172DD 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  
#8172DD }
```

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

```
.border{ border-color:#8172DD }
```

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

Here you see how a box with a 4 pixel #8172DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8172DD; -webkit-box-shadow:4px 4px  
4px 4px #8172DD; box-shadow:4px 4px 4px  
4px #8172DD }
```

Background

The CSS property to change the background color of an element to Hex 8172DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8172DD }
```

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

```
.background{ background-color:#8172DD }
```

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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