

Converting Colors

Hex(8170DC)

Have a look what the booklet for
Hex(8170DC) contains.

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Color

Hex(8170DC)

Conversions

Conversions Part 1

Format	Color
Hex	8170DC
RGB	129, 112, 220
RGB Percent	51%, 44%, 86%
CMY	0.4941, 0.5608, 0.1373
CMYK	0.41, 0.49, 0.00, 0.14
HSL	249°, 61%, 65%
HSV	249°, 49%, 86%
XYZ	27.7657, 21.4228, 70.3817
YIQ	129.3950, -24.5360, 37.1920

Conversions

Conversions Part 2

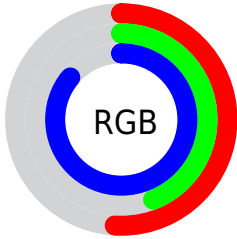
Format	Color
RYB	129, 112, 220
Decimal	8483036
CIELab	53.41, 32.58, -53.26
CIELCh	53, 62.434, 301.460
Yxy	21.4228, 0.2322, 0.1792
Android (android.graphics.Color)	4286673116 (0xFF8170DC)
YUV	129.3950, 44.6683, -0.3464
Hunter-Lab	46.2847, 26.0818, -57.7585

Details

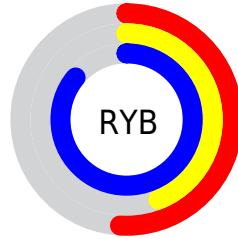
The Hex color **8170DC** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **CBDC70**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **BAA4FF**, and **4940A4** is the 20% darker color. If you saturate the color by 10%, you get **6E5ADC**, and if you desaturate by 10%, it is **9486DC**.

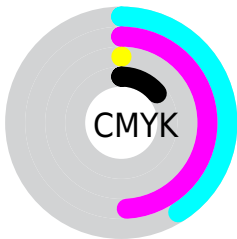
Distribution



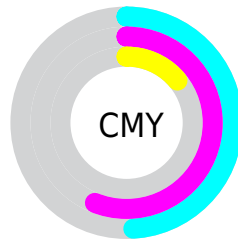
- Red (51%)
- Green (44%)
- Blue (86%)



- Red (51%)
- Yellow (44%)
- Blue (86%)



- Cyan (41%)
- Magenta (49%)
- Yellow (0%)
- Black (14%)



- Cyan (49%)
- Magenta (56%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8170DC 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 8170DC by changing the saturation by 10% instead.

■ 8170DC

■ 8170DC

FFFFFF

■ 6557C0

■ BAA4FF

■ 4940A4

■ D7BFFF

■ 2A2989

■ F4DBFF

■ 00146F

■ FFF8FF

■ 000056

■ 00033E

■ 000327

■ 000111

■ 000000

 8170DC

 8170DC

 6E5ADC

 9486DC

 5C44DC

 A69CDC

 492EDC

 B9B2DC

 3718DC

 CBC8DC

 2402DC

 DEDEDC

 2300DC

 F0F4DC

 FFFFDC

Harmonies

Analogous

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



0085EC



8170DC



C256B4

Triad

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



8170DC



C0691A



009881

Complementary

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



8170DC



CBDC70

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.



009549



8170DC



977E00

Square

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



8170DC



DA514B



608C13



0098B6

Rectangle

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



8170DC



D84A91



608C13



00976E

Sweetspot

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



8170DC



DFD9FF



70CCDC



6C6980



000000



808080

Same Dimension

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



8170DC



8069FF



B670DC



64636E



1B00AD



07002E

Inverse Universe

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



DC70CB



FF69E7



96DC70



6E636C



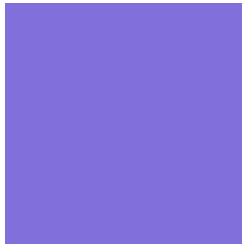
AD0092



2E0027

Previews

White Background



This preview shows how the Hex color 8170DC looks on a white background.

Color Contrast Check

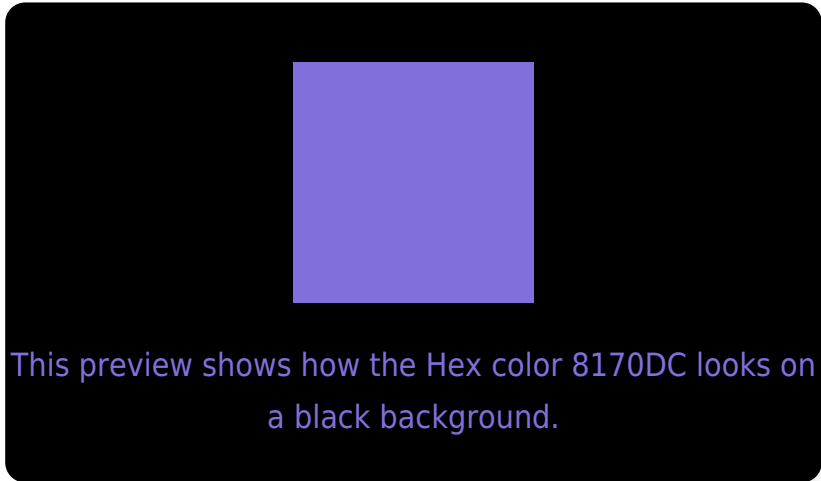
Large Text (above 18pt) WCAG AA ✓ Pass

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

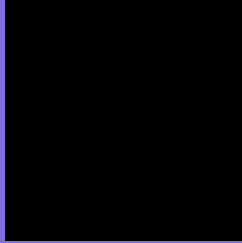
Any Text WCAG AA ✓ Pass

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 8170DC Background



This preview shows how black text looks on a background with the Hex color 8170DC.

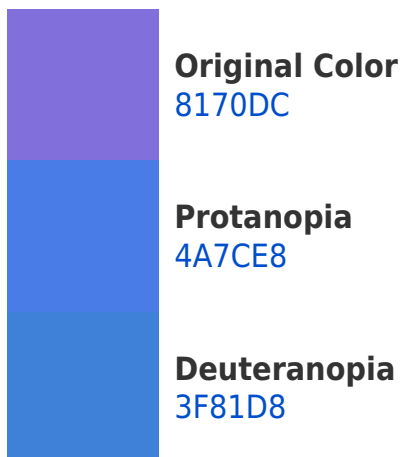


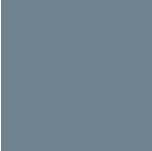
This preview shows how white text looks on a background with the Hex color 8170DC.

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](#).

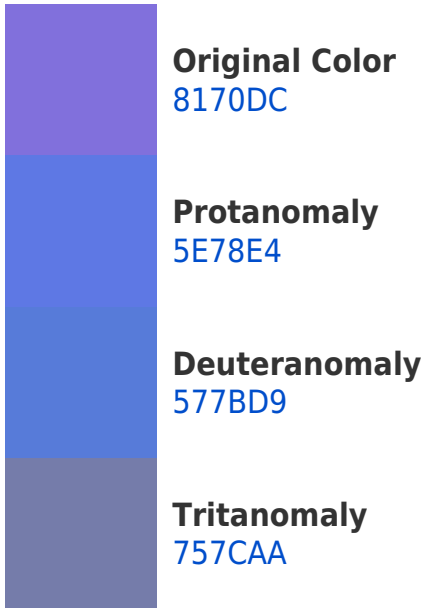
Dichromacy



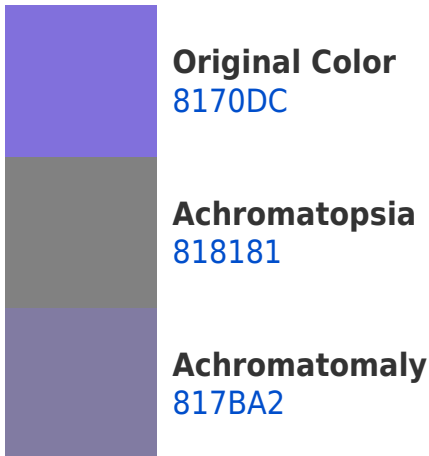


Tritanopia
6E838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8170DC 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 #8170DC looks like.

```
.text, #text, p{  
    color:#8170DC  
}
```

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 #8170DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8170DC
}
```

Border

The CSS property to change the border of an element to Hex 8170DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

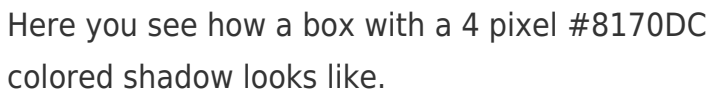
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8170DC }
```

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

```
.border{ border-color:#8170DC }
```

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



Here you see how a box with a 4 pixel #8170DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8170DC; -webkit-box-shadow:4px 4px  
4px 4px #8170DC; box-shadow:4px 4px 4px  
4px #8170DC }
```

Background

The CSS property to change the background color of an element to Hex 8170DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8170DC }
```

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

```
.background{ background-color:#8170DC }
```

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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