

Converting Colors

Hex(6E8CDB)

Have a look what the booklet for
Hex(6E8CDB) contains.

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Color

Hex(6E8CDB)

Conversions

Conversions Part 1

Format	Color
Hex	6E8CDB
RGB	110, 140, 219
RGB Percent	43%, 55%, 86%
CMY	0.5686, 0.4510, 0.1412
CMYK	0.50, 0.36, 0.00, 0.14
HSL	223°, 60%, 65%
HSV	223°, 50%, 86%
XYZ	28.5947, 27.1856, 70.7581
YIQ	140.0360, -43.2390, 18.2090

Conversions

Conversions Part 2

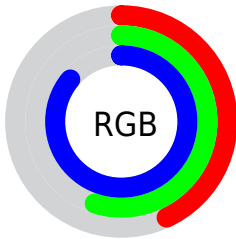
Format	Color
RYB	110, 134, 219
Decimal	7245019
CIELab	59.15, 11.13, -43.67
CIELCh	59, 45.068, 284.294
Yxy	27.1856, 0.2260, 0.2148
Android (android.graphics.Color)	4285435099 (0xFF6E8CDB)
YUV	140.0360, 38.9293, -26.3416
Hunter-Lab	52.1398, 6.6487, -43.9635

Details

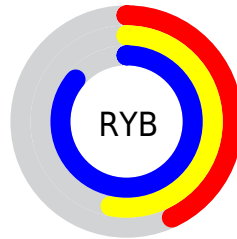
The Hex color **6E8CDB** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **DBBD6E**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A7C1FF**, and **335AA4** is the 20% darker color. If you saturate the color by 10%, you get **587CDB**, and if you desaturate by 10%, it is **849CDB**.

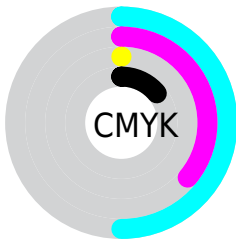
Distribution



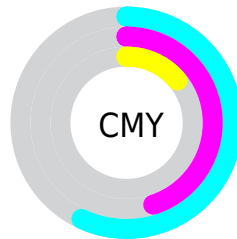
- Red (43%)
- Green (55%)
- Blue (86%)



- Red (43%)
- Yellow (53%)
- Blue (86%)



- Cyan (50%)
- Magenta (36%)
- Yellow (0%)
- Black (14%)



- Cyan (57%)
- Magenta (45%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E8CDB 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 6E8CDB by changing the saturation by 10% instead.

 6E8CDB

 6E8CDB

FFFFFF

 5173BF

 A7C1FF

 335AA4

 C4DDFF

 074389

 E1FAFF

 002E6F

 001A56

 00013F

 000328

 000111

 000000

 6E8CDB

 6E8CDB

 587CDB

 849CDB

 426CDB

 9AACDB

 2C5CDB

 B0BCDB

 164DDB

 C6CBDB

 013DDB

 DCDBDB

 003CDB

 F1EBDB

 FFFBDB

 FFFFDB

Harmonies

Analogous

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



0098DA



6E8CDB



AA7CC7

Triad

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



6E8CDB



D07659



22A178

Complementary

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



6E8CDB



DBBD6E

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.



679C54



6E8CDB



B78541

Square

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



6E8CDB



D96D7D



93923E



00A2A1

Rectangle

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



6E8CDB



C473B1



93923E



40A06B

Sweetspot

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



6E8CDB



D9E3FF



6EDBBC



696F80



000000



808080

Same Dimension

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



6E8CDB



6690FF



866EDB



63666E



0030AD



000D2E

Inverse Universe

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



DB6E8C



FF6690



C3DB6E



6E6366



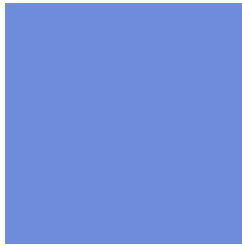
AD0030



2E000D

Previews

White Background



This preview shows how the Hex color 6E8CDB looks on a white background.

Color Contrast Check

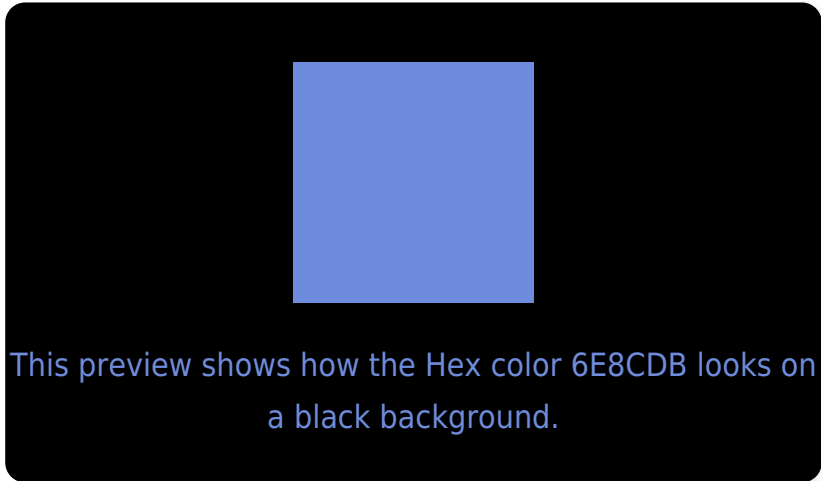
Large Text (above 18pt) WCAG AA ✓ Pass

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

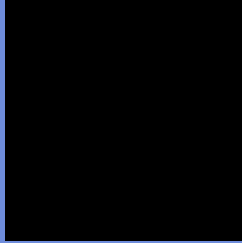
Any Text WCAG AA ✓ Pass

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 6E8CDB Background



This preview shows how black text looks on a background with the Hex color 6E8CDB.

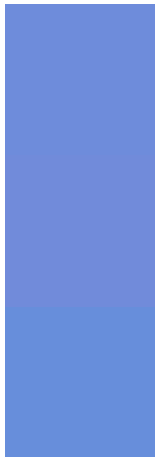


This preview shows how white text looks on a background with the Hex color 6E8CDB.

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



Original Color
6E8CDB

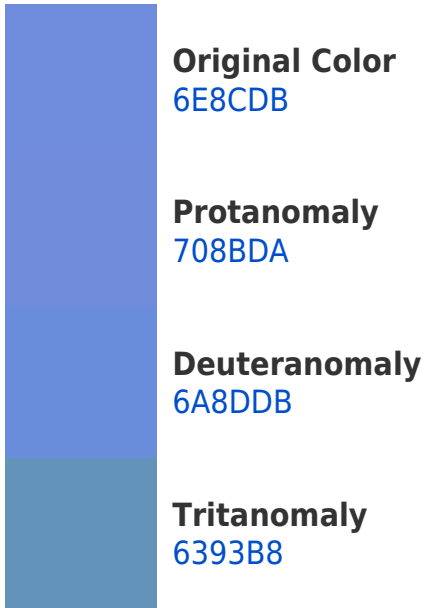
Protanopia
718BDA

Deuteranopia
678EDB

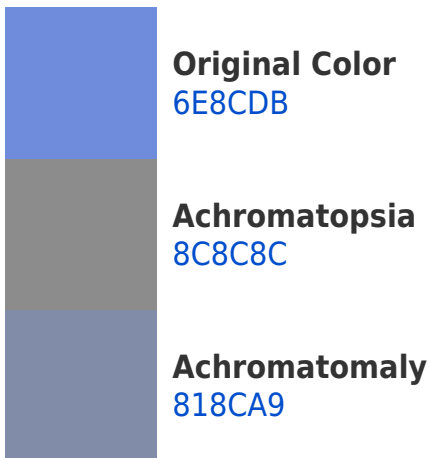


Tritanopia
5C97A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6E8CDB 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 #6E8CDB looks like.

```
.text, #text, p{  
    color:#6E8CDB  
}
```

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 #6E8CDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E8CDB
}
```

Border

The CSS property to change the border of an element to Hex 6E8CDB 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
#6E8CDB }
```

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

```
.border{ border-color:#6E8CDB }
```

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

Here you see how a box with a 4 pixel #6E8CDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E8CDB; -webkit-box-shadow:4px 4px  
4px 4px #6E8CDB; box-shadow:4px 4px 4px  
4px #6E8CDB }
```

Background

The CSS property to change the background color of an element to Hex 6E8CDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E8CDB }
```

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

```
.background{ background-color:#6E8CDB }
```

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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