

Converting Colors

Hex(6E8BDC)

Have a look what the booklet for
Hex(6E8BDC) contains.

Hex(6E8BDC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6E8BDC)

Conversions

Conversions Part 1

Format	Color
Hex	6E8BDC
RGB	110, 139, 220
RGB Percent	43%, 55%, 86%
CMY	0.5686, 0.4549, 0.1373
CMYK	0.50, 0.37, 0.00, 0.14
HSL	224°, 61%, 65%
HSV	224°, 50%, 86%
XYZ	28.5813, 26.9475, 71.4051
YIQ	139.5630, -43.2850, 19.0430

Conversions

Conversions Part 2

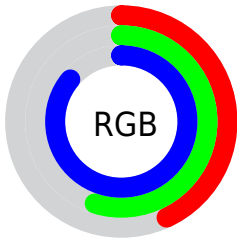
Format	Color
RYB	110, 133, 220
Decimal	7244764
CIELab	58.93, 12.02, -44.58
CIELCh	59, 46.172, 285.094
Yxy	26.9475, 0.2252, 0.2123
Android (android.graphics.Color)	4285434844 (0xFF6E8BDC)
YUV	139.5630, 39.6554, -25.9268
Hunter-Lab	51.9110, 7.4347, -45.2174

Details

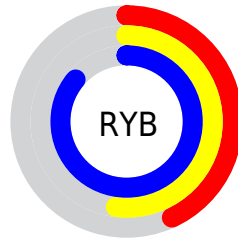
The Hex color **6E8BDC** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **DCBF6E**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **A7C0FF**, and **3359A4** is the 20% darker color. If you saturate the color by 10%, you get **587BDC**, and if you desaturate by 10%, it is **849BDC**.

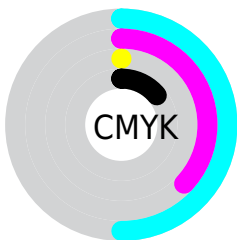
Distribution



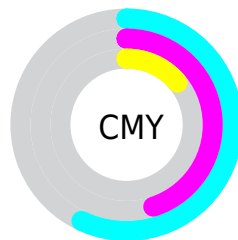
- Red (43%)
- Green (55%)
- Blue (86%)



- Red (43%)
- Yellow (52%)
- Blue (86%)



- Cyan (50%)
- Magenta (37%)
- Yellow (0%)
- Black (14%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 6E8BDC 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 6E8BDC by changing the saturation by 10% instead.

■ 6E8BDC

■ 6E8BDC

FFFFFF

■ 5172C0

■ A7C0FF

■ 3359A4

■ C4DCFF

■ 06428A

■ E1F8FF

■ 002D70

■ 001957

■ 00013F

■ 000328

■ 000112

■ 000000

■ 6E8BDC

■ 6E8BDC

■ 587BDC

■ 849BDC

■ 426BDC

■ 9AABDC

■ 2C5ADC

■ B0BCDC

■ 164ADC

■ C6CCDC

■ 003ADC

■ DCDCDC

■ F2ECDC

■ FFFCDC

■ FFFFDC

Harmonies

Analogous

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



0098DC



6E8BDC



AB7BC7

Triad

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



6E8BDC



D07556



15A178

Complementary

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



6E8BDC



DCBF6E

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.



649C52



6E8BDC



B6843E

Square

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



6E8BDC



DA6C7B



92923C



00A2A2

Rectangle

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



6E8BDC



C571B1



92923C



3BA06A

Sweetspot

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



6E8BDC



D9E3FF



6EDCBF



696F80



000000



808080

Same Dimension

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



6E8BDC



668EFF



886EDC



63666E



002EAD



000C2E

Inverse Universe

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



DC6E8B



FF668E



C2DC6E



6E6366



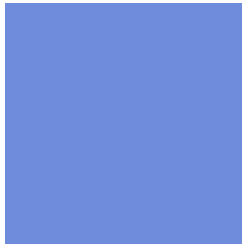
AD002E



2E000C

Previews

White Background



This preview shows how the Hex color 6E8BDC looks on a white background.

Color Contrast Check

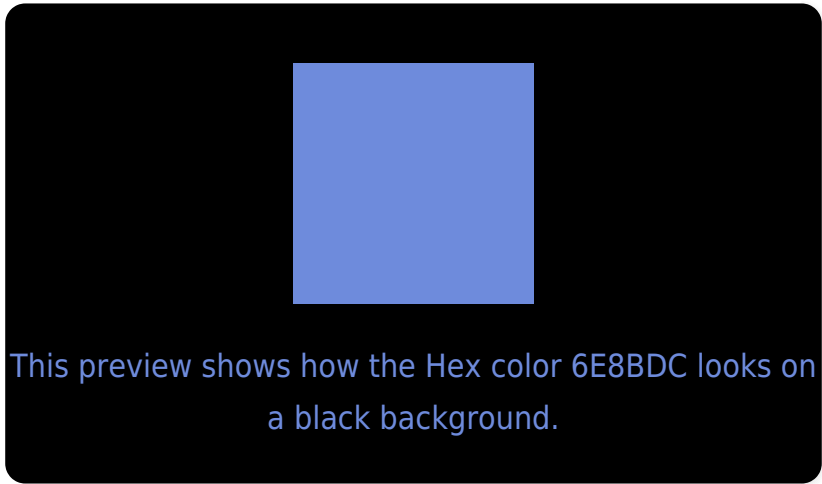
Large Text (above 18pt) WCAG AA ✓ Pass

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

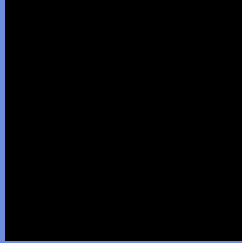
Any Text WCAG AA ✓ Pass

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 6E8BDC Background



This preview shows how black text looks on a background with the Hex color 6E8BDC.

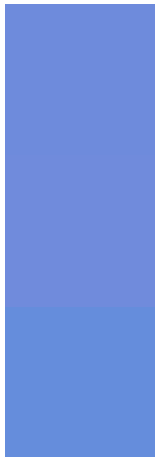


This preview shows how white text looks on a background with the Hex color 6E8BDC.

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
6E8BDC

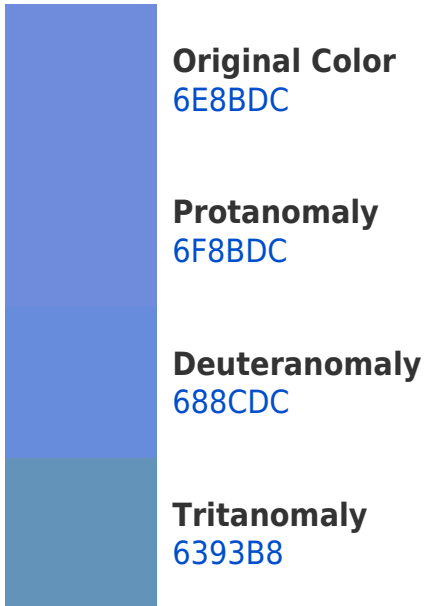
Protanopia
708BDC

Deuteranopia
658DDC

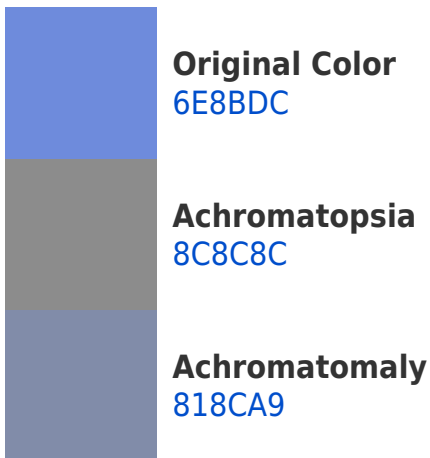


Tritanopia
5C97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6E8BDC 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 #6E8BDC looks like.

```
.text, #text, p{  
    color:#6E8BDC  
}
```

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 #6E8BDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E8BDC
}
```

Border

The CSS property to change the border of an element to Hex 6E8BDC is called "border". The border property can be set on classes, ids or directly on the HTML element.

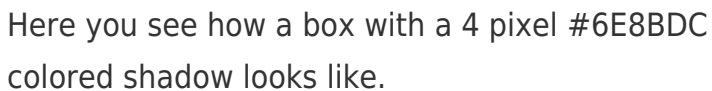
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E8BDC }
```

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

```
.border{ border-color:#6E8BDC }
```

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



Here you see how a box with a 4 pixel #6E8BDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E8BDC; -webkit-box-shadow:4px 4px  
4px 4px #6E8BDC; box-shadow:4px 4px 4px  
4px #6E8BDC }
```

Background

The CSS property to change the background color of an element to Hex 6E8BDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E8BDC }
```

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

```
.background{ background-color:#6E8BDC }
```

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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