

Converting Colors

Hex(6E8DE1)

Have a look what the booklet for
Hex(6E8DE1) contains.

Hex(6E8DE1)	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(6E8DE1)

Conversions

Conversions Part 1

Format	Color
Hex	6E8DE1
RGB	110, 141, 225
RGB Percent	43%, 55%, 88%
CMY	0.5686, 0.4471, 0.1176
CMYK	0.51, 0.37, 0.00, 0.12
HSL	224°, 66%, 66%
HSV	224°, 51%, 88%
XYZ	29.5459, 27.8010, 75.0431
YIQ	141.3070, -45.4400, 19.5520

Conversions

Conversions Part 2

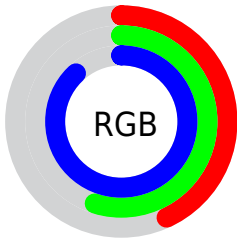
Format	Color
R _Y B	110, 134, 225
Decimal	7245281
CIE _{Lab}	59.71, 12.38, -46.13
CIE _{LCh}	60, 47.763, 285.018
Y _{xy}	27.8010, 0.2232, 0.2100
Android (android.graphics.Color)	4285435361 (0xFF6E8DE1)
Y _{UV}	141.3070, 41.2606, -27.4562
Hunter-Lab	52.7266, 7.7526, -47.4757

Details

The Hex color **6E8DE1** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E1C26E**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A7C2FF**, and **325BA9** is the 20% darker color. If you saturate the color by 10%, you get **587DE1**, and if you desaturate by 10%, it is **859DE1**.

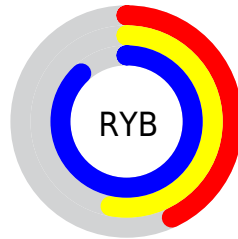
Distribution



Red (43%)

Green (55%)

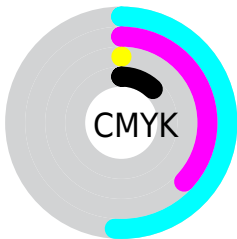
Blue (88%)



Red (43%)

Yellow (53%)

Blue (88%)

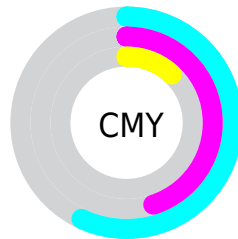


Cyan (51%)

Magenta (37%)

Yellow (0%)

Black (12%)



Cyan (57%)

Magenta (45%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6E8DE1 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 6E8DE1 by changing the saturation by 10% instead.

 6E8DE1

 6E8DE1

FFFFFF

 5174C5

 A7C2FF

 325BA9

 C4DEFF

 00448E

 E2FBFF

 002F74

 001B5B

 000043

 00032C

 000116

 000000

■ 6E8DE1

■ 6E8DE1

■ 587DE1

■ 859DE1

■ 416CE1

■ 9BAEE1

■ 2B5CE1

■ B2BEE1

■ 144BE1

■ C8CFE1

■ 003DE1

■ DFDFE1

■ F5F0E1

■ FFFFE1

Harmonies

Analogous

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



009AE1



6E8DE1



AE7CCC

Triad

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



6E8DE1



D47656



09A479

Complementary

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



6E8DE1



E1C26E

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.



649E52



6E8DE1



BA863D

Square

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



6E8DE1



DE6C7C



94943A



00A5A4

Rectangle

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



6E8DE1



C972B4



94943A



38A26B

Sweetspot

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



6E8DE1



D9E3FF



6EE1C0



696F80



000000



808080

Same Dimension

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



6E8DE1



638DFF



876EE1



656870



002FB0



000D30

Inverse Universe

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



E16E8D



FF638D



C8E16E



706568



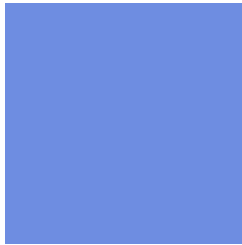
B0002F



30000D

Previews

White Background



This preview shows how the Hex color 6E8DE1 looks on a white background.

Color Contrast Check

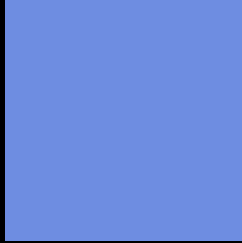
Large Text (above 18pt) WCAG AA ✓ Pass

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 6E8DE1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

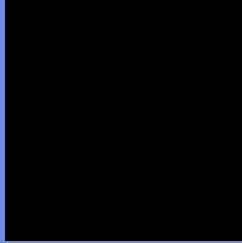
Any Text WCAG AA ✓ Pass

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 6E8DE1 Background



This preview shows how black text looks on a background with the Hex color 6E8DE1.



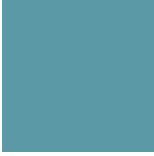
This preview shows how white text looks on a background with the Hex color 6E8DE1.

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](#).

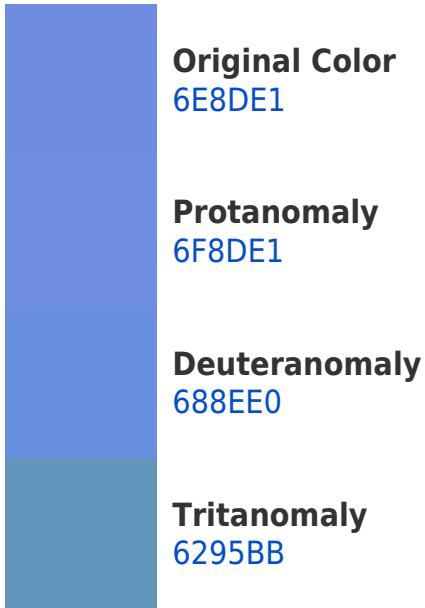
Dichromacy



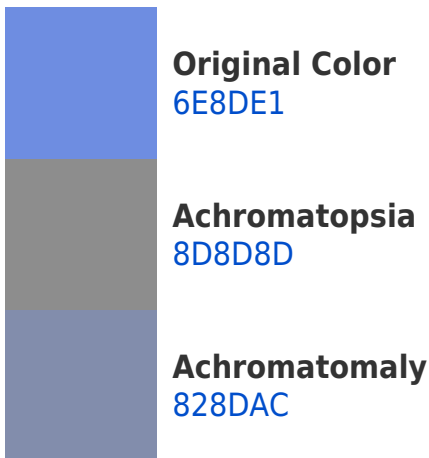


Tritanopia
5B99A6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6E8DE1 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 #6E8DE1 looks like.

```
.text, #text, p{  
    color:#6E8DE1  
}
```

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 #6E8DE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E8DE1  
}
```

Border

The CSS property to change the border of an element to Hex 6E8DE1 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  
#6E8DE1 }
```

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

```
.border{ border-color:#6E8DE1 }
```

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

Here you see how a box with a 4 pixel #6E8DE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E8DE1; -webkit-box-shadow:4px 4px  
4px 4px #6E8DE1; box-shadow:4px 4px 4px  
4px #6E8DE1 }
```

Background

The CSS property to change the background color of an element to Hex 6E8DE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E8DE1 }
```

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

```
.background{ background-color:#6E8DE1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor