

Converting Colors

Hex(6B7EE9)

Have a look what the booklet for
Hex(6B7EE9) contains.

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Color

Hex(6B7EE9)

Conversions

Conversions Part 1

Format	Color
Hex	6B7EE9
RGB	107, 126, 233
RGB Percent	42%, 49%, 91%
CMY	0.5804, 0.5059, 0.0863
CMYK	0.54, 0.46, 0.00, 0.09
HSL	231°, 74%, 67%
HSV	231°, 54%, 91%
XYZ	28.2322, 23.9307, 80.2219
YIQ	132.5170, -45.6710, 29.2490

Conversions

Conversions Part 2

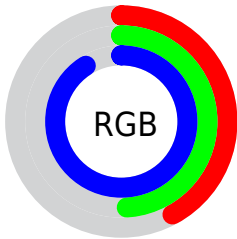
Format	Color
RYB	107, 124, 233
Decimal	7044841
CIELab	56.02, 23.19, -56.47
CIELCh	56, 61.043, 292.323
Yxy	23.9307, 0.2133, 0.1808
Android (android.graphics.Color)	4285234921 (0xFF6B7EE9)
YUV	132.5170, 49.5381, -22.3784
Hunter-Lab	48.9190, 17.4080, -62.9859

Details

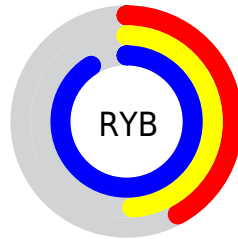
The Hex color **6B7EE9** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **E9D66B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A6B2FF**, and **294EB1** is the 20% darker color. If you saturate the color by 10%, you get **546AE9**, and if you desaturate by 10%, it is **8292E9**.

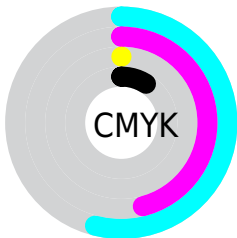
Distribution



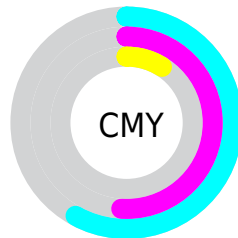
- Red (42%)
- Green (49%)
- Blue (91%)



- Red (42%)
- Yellow (49%)
- Blue (91%)



- Cyan (54%)
- Magenta (46%)
- Yellow (0%)
- Black (9%)



- Cyan (58%)
- Magenta (51%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7EE9 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 6B7EE9 by changing the saturation by 10% instead.

 6B7EE9

 6B7EE9

FFFFFF

 4C65CC

 A6B2FF

 294EB1

 C3CEFF

 003795

 E1EAFF

 00237B

 001061

 000449

 000431

 00011B

 000000

■ 6B7EE9

■ 6B7EE9

■ 546AE9

■ 8292E9

■ 3C56E9

■ 9AA6E9

■ 2543E9

■ B1B9E9

■ 0E2FE9

■ C8CDE9

■ 0023E9

■ E0E1E9

■ F7F5E9

■ FFFFE9

Harmonies

Analogous

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



0090F0



6B7EE9



B966C8

Triad

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



6B7EE9



D16932



009E76

Complementary

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



6B7EE9



E9D66B

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.



329941



6B7EE9



AC7F07

Square

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



6B7EE9



E45561



7A8F12



009FAD

Rectangle

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



6B7EE9



D557A8



7A8F12



009D64

Sweetspot

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



6B7EE9



D6DCFF



6BE9D4



676B80



000000



808080

Same Dimension

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



6B7EE9



5972FF



956BE9



6A6B75



001BB5



000836

Inverse Universe

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



E96B7E



FF5972



BFE96B



756A6B



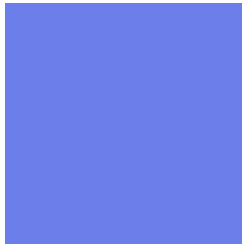
B5001B



360008

Previews

White Background



This preview shows how the Hex color 6B7EE9 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

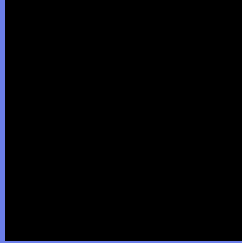
Any Text WCAG AA ✓ Pass

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 6B7EE9 Background



This preview shows how black text looks on a background with the Hex color 6B7EE9.

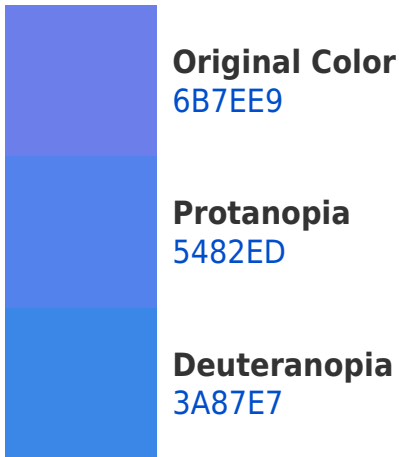


This preview shows how white text looks on a background with the Hex color 6B7EE9.

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](#).

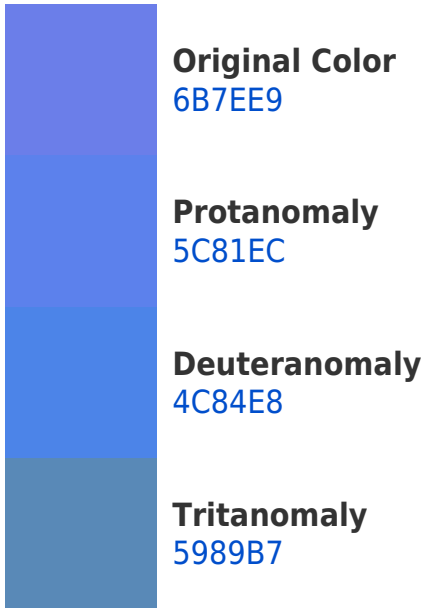
Dichromacy



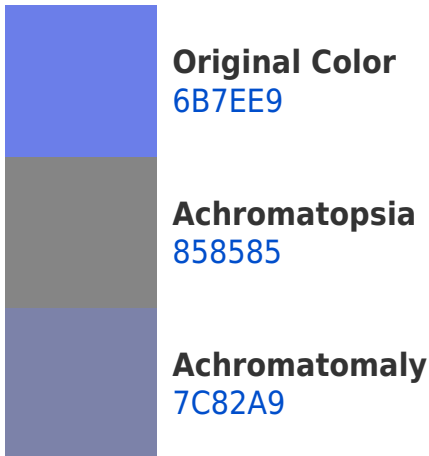


Tritanopia
4F909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7EE9 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 #6B7EE9 looks like.

```
.text, #text, p{  
    color:#6B7EE9  
}
```

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 #6B7EE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7EE9
}
```

Border

The CSS property to change the border of an element to Hex 6B7EE9 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
#6B7EE9 }
```

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

```
.border{ border-color:#6B7EE9 }
```

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

Here you see how a box with a 4 pixel #6B7EE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7EE9; -webkit-box-shadow:4px 4px  
4px 4px #6B7EE9; box-shadow:4px 4px 4px  
4px #6B7EE9 }
```

Background

The CSS property to change the background color of an element to Hex 6B7EE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7EE9 }
```

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

```
.background{ background-color:#6B7EE9 }
```

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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