

# Converting Colors

Hex(6B8FE0)

Have a look what the booklet for  
Hex(6B8FE0) contains.

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# **Color**

**Hex(6B8FE0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B8FE0
RGB	107, 143, 224
RGB Percent	42%, 56%, 88%
CMY	0.5804, 0.4392, 0.1216
CMYK	0.52, 0.36, 0.00, 0.12
HSL	222°, 65%, 65%
HSV	222°, 52%, 88%
XYZ	29.3404, 28.1525, 74.4086
YIQ	141.4700, -47.4570, 17.5590

# Conversions

## Conversions Part 2

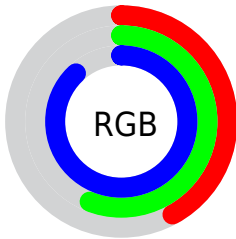
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	107, 135, 224
Decimal	7049184
CIELab	60.03, 10.22, -45.08
CIElCh	60, 46.228, 282.772
Yxy	28.1525, 0.2224, 0.2134
Android (android.graphics.Color)	4285239264 (0xFF6B8FE0)
YUV	141.4700, 40.6873, -30.2302
Hunter-Lab	53.0590, 5.8533, -46.0056

# Details

The Hex color **6B8FE0** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E0BC6B**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A4C4FF**, and **2E5DA8** is the 20% darker color. If you saturate the color by 10%, you get **557FE0**, and if you desaturate by 10%, it is **819FE0**.

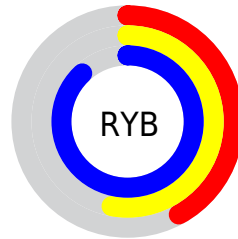
# Distribution



Red (42%)

Green (56%)

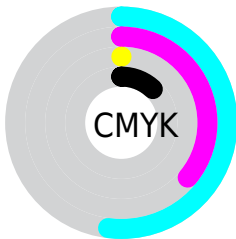
Blue (88%)



Red (42%)

Yellow (53%)

Blue (88%)

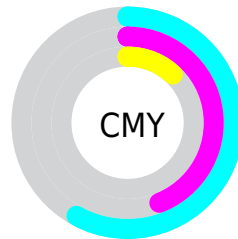


Cyan (52%)

Magenta (36%)

Yellow (0%)

Black (12%)



Cyan (58%)

Magenta (44%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B8FE0 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 6B8FE0 by changing the saturation by 10% instead.



 6B8FE0

 6B8FE0

FFFFFF

 4E76C4

 A4C4FF

 2E5DA8

 C1E0FF

 00468D

 DFFDFF

 003073

FDFDFF

 001C5A

 000043

 00032B

 000116

 000000

■ 6B8FE0

■ 6B8FE0

■ 557FE0

■ 819FE0

■ 3E70E0

■ 98AEE0

■ 2860E0

■ AEBEE0

■ 1151E0

■ C5CDE0

■ 0045E0

■ DBDDE0

■ F1ECE0

■ FFFCE0

■ FFFFEO

# Harmonies

## Analogous

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



009CDE



6B8FE0



AA7FCD

# Triad

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



6B8FE0



D5775B



26A477

# Complementary

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



6B8FE0



E0BC6B

# 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.



6B9E53



6B8FE0



BC8642

# Square

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



6B8FE0



DD6E81



98943E



00A5A1

# Rectangle

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



6B8FE0



C675B7



98943E



44A26A



# Sweetspot

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



6B8FE0



D6E3FF



6BE0BB



676F80



000000



808080



# Same Dimension

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



6B8FE0



5E90FF



806BE0



656870



0036B0



000F30



# Inverse Universe

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



E06B8F



FF5E90



CBE06B



706568



B00036

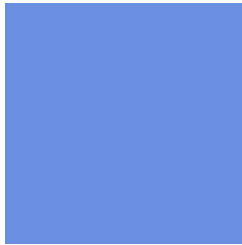


30000F



# Previews

## White Background



This preview shows how the Hex color 6B8FE0 looks on a white background.

## Color Contrast Check

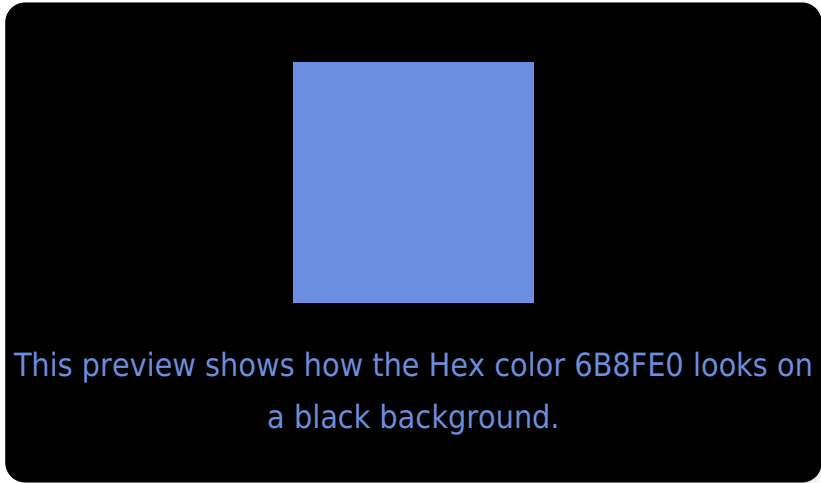
Large Text (above 18pt) WCAG AA ✓ Pass

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

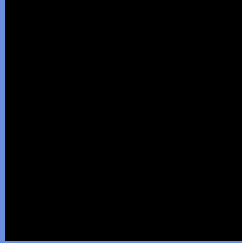
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B8FE0 Background



This preview shows how black text looks on a background with the Hex color 6B8FE0.



This preview shows how white text looks on a background with the Hex color 6B8FE0.

# 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**  
6B8FE0

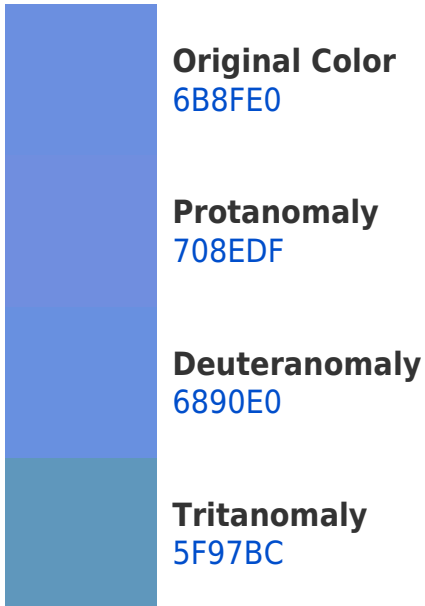
**Protanopia**  
738DDF

**Deuteranopia**  
6790E0



**Tritanopia**  
589BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B8FE0 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 #6B8FE0 looks like.

```
.text, #text, p{  
    color:#6B8FE0  
}
```

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 #6B8FE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B8FE0  
}
```

## Border

The CSS property to change the border of an element to Hex 6B8FE0 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  
#6B8FE0 }
```

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

```
.border{ border-color:#6B8FE0 }
```

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

Here you see how a box with a 4 pixel #6B8FE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B8FE0; -webkit-box-shadow:4px 4px  
4px 4px #6B8FE0; box-shadow:4px 4px 4px  
4px #6B8FE0 }
```

# Background

The CSS property to change the background color of an element to Hex 6B8FE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B8FE0 }
```

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

```
.background{ background-color:#6B8FE0 }
```

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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