

# Converting Colors

Hex(B6A1F7)

Have a look what the booklet for  
Hex(B6A1F7) contains.

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# Color

**Hex(B6A1F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6A1F7
RGB	182, 161, 247
RGB Percent	71%, 63%, 97%
CMY	0.2863, 0.3686, 0.0314
CMYK	0.26, 0.35, 0.00, 0.03
HSL	255°, 84%, 80%
HSV	255°, 35%, 97%
XYZ	48.8248, 42.1502, 93.5581
YIQ	177.0830, -15.0900, 31.1980

# Conversions

## Conversions Part 2

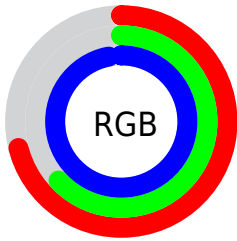
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	182, 161, 247
Decimal	11969015
CIE Lab	70.97, 25.55, -40.18
CIE LCh	71, 47.618, 302.450
Yxy	42.1502, 0.2646, 0.2284
Android (android.graphics.Color)	4290159095 (0xFFB6A1F7)
YUV	177.0830, 34.4691, 4.3122
Hunter-Lab	64.9232, 20.6233, -39.9941

# Details

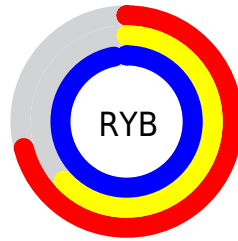
The Hex color **B6A1F7** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E2F7A1**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **EFD8FF**, and **7F6DBE** is the 20% darker color. If you saturate the color by 10%, you get **A388F7**, and if you desaturate by 10%, it is **C9BAF7**.

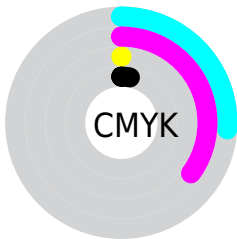
# Distribution



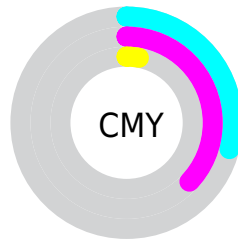
- Red (71%)
- Green (63%)
- Blue (97%)



- Red (71%)
- Yellow (63%)
- Blue (97%)



- Cyan (26%)
- Magenta (35%)
- Yellow (0%)
- Black (3%)



- Cyan (29%)
- Magenta (37%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6A1F7 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 B6A1F7 by changing the saturation by 10% instead.



 B6A1F7

 B6A1F7

FFFFFF

 9A87DA

 EFD8FF

 7F6DBE

 FFF4FF

 6555A3

 4A3D88

 30276F

 131256

 00003E

 000327


 000111

 B6A1F7

 B6A1F7

 A388F7

 C9BAF7

 9170F7

 DBD2F7

 7E57F7

 EEEBF7

 6B3EF7

 FFFFF7

 5925F7

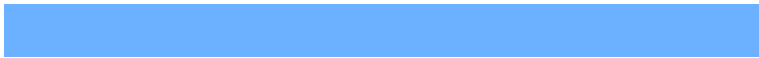
 460DF7

 3C00F7

# Harmonies

## Analogous

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



6CB1FF



B6A1F7



E691D7

# Triad

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



B6A1F7



E89D61



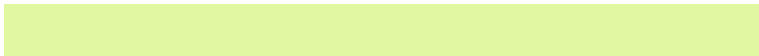
00C4B0

# Complementary

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



B6A1F7



E2F7A1

# 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.



60C184



B6A1F7



C5AC55

# Square

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



B6A1F7



FD8F81



98B962



00C3DB

# Rectangle

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



B6A1F7



F98BBB



98B962



24C3A1



# Sweetspot

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



B6A1F7



ECE6FF



A1E3F7



747080



000000



808080



# Same Dimension

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



B6A1F7



AE94FF



E0A1F7



716E7A



2D00BA



0E003B



# Inverse Universe

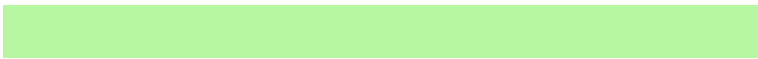
The Inverse Universe completely reimagines the original color for something new.



F7A1E2



FF94E5



B8F7A1



7A6E77



BA008D

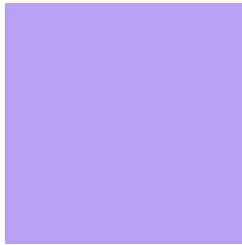


3B002C



# Previews

## White Background



This preview shows how the Hex color B6A1F7 looks on a white background.

## Color Contrast Check

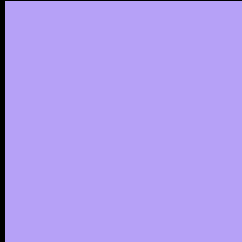
Large Text (above 18pt) WCAG AA × Fail

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 B6A1F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

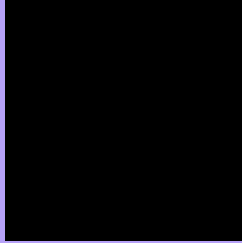
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B6A1F7 Background



This preview shows how black text looks on a background with the Hex color B6A1F7.

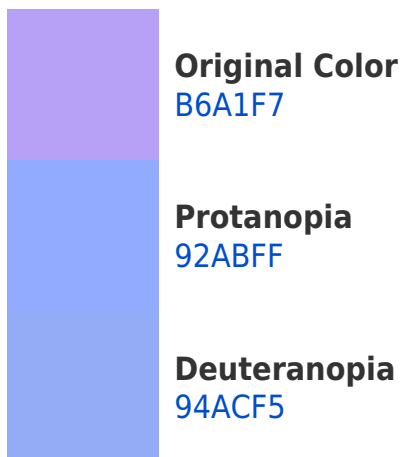


This preview shows how white text looks on a background with the Hex color B6A1F7.

# Color Blindness Simulation

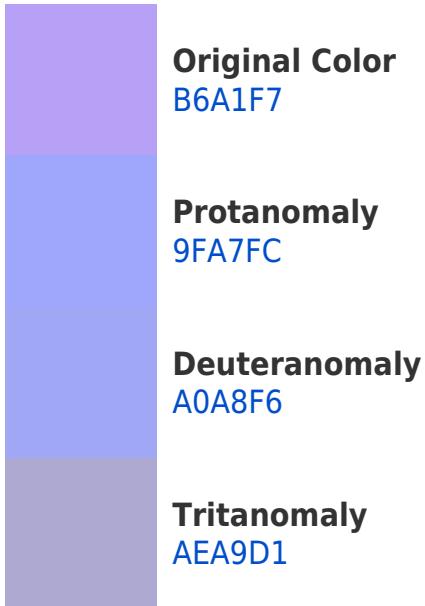
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

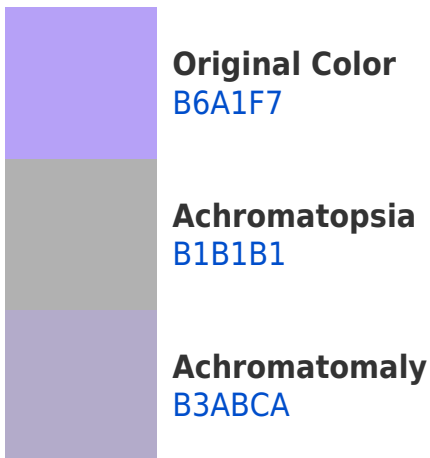




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6A1F7 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 #B6A1F7 looks like.

```
.text, #text, p{  
    color:#B6A1F7  
}
```

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 #B6A1F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6A1F7
}
```

## Border

The CSS property to change the border of an element to Hex B6A1F7 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
#B6A1F7 }
```

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

```
.border{ border-color:#B6A1F7 }
```

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

Here you see how a box with a 4 pixel #B6A1F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6A1F7; -webkit-box-shadow:4px 4px  
4px 4px #B6A1F7; box-shadow:4px 4px 4px  
4px #B6A1F7 }
```

# Background

The CSS property to change the background color of an element to Hex B6A1F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6A1F7 }
```

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

```
.background{ background-color:#B6A1F7 }
```

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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