

Converting Colors

Hex(6B7FB2)

Have a look what the booklet for
Hex(6B7FB2) contains.

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Color

Hex(6B7FB2)

Conversions

Conversions Part 1

Format	Color
Hex	6B7FB2
RGB	107, 127, 178
RGB Percent	42%, 50%, 70%
CMY	0.5804, 0.5020, 0.3020
CMYK	0.40, 0.29, 0.00, 0.30
HSL	223°, 32%, 56%
HSV	223°, 40%, 70%
XYZ	21.6887, 21.5189, 45.1299
YIQ	126.8340, -28.2910, 11.6210

Conversions

Conversions Part 2

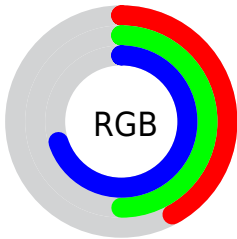
Format	Color
R_{YB}	107, 123, 178
Decimal	7045042
CIE Lab	53.51, 5.92, -29.27
CIE LCh	54, 29.861, 281.427
Yxy	21.5189, 0.2455, 0.2436
Android (android.graphics.Color)	4285235122 (0xFF6B7FB2)
YUV	126.8340, 25.2248, -17.3944
Hunter-Lab	46.3885, 2.2768, -25.2095

Details

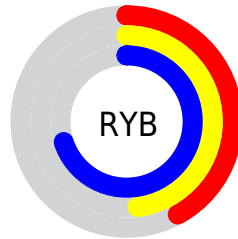
The Hex color **6B7FB2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B29E6B**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **A1B4EA**, and **374E7D** is the 20% darker color. If you saturate the color by 10%, you get **5972B2**, and if you desaturate by 10%, it is **7D8CB2**.

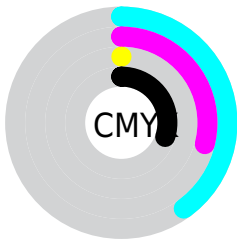
Distribution



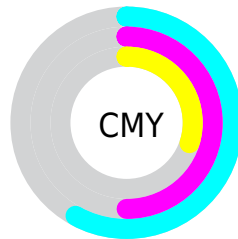
- Red (42%)
- Green (50%)
- Blue (70%)



- Red (42%)
- Yellow (48%)
- Blue (70%)



- Cyan (40%)
- Magenta (29%)
- Yellow (0%)
- Black (30%)



- Cyan (58%)
- Magenta (50%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7FB2 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 6B7FB2 by changing the saturation by 10% instead.



6B7FB2



6B7FB2

FFFFFF



516697



A1B4EA



374E7D



BDCFFF



1C3864



D9EBFF



00234C



F6FFFF



000C35



00021F



000002



000000



6B7FB2



6B7FB2

■ 5972B2

■ 7D8CB2

■ 4765B2

■ 8F99B2

■ 3659B2

■ A0A5B2

■ 244CB2

■ B2B2B2

■ 123FB2

■ C4FBF2

■ 0032B2

■ D6CCB2

■ E8D9B2

■ F9E5B2

■ FFF2B2

Harmonies

Analogous

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



3F87B0



6B7FB2



8F76A7

Triad

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



6B7FB2



AE705F



4B8C6F

Complementary

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



6B7FB2



B29E6B

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.



6B8858



6B7FB2



9F794F

Square

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



6B7FB2



B26C77



87814D



288E89

Rectangle

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



6B7FB2



A17099



87814D



568B66

Sweetspot

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



6B7FB2



CCD4E8



6BB29E



656A75



F5F5F5



757575

Same Dimension

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



6B7FB2



7998E8



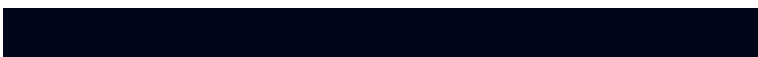
7A6BB2



505359



002B99



00071A

Inverse Universe

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



B26B7F



E87998



A3B26B



595053



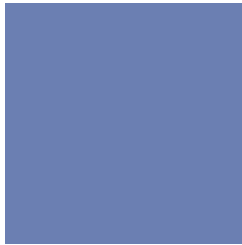
99002B



1A0007

Previews

White Background



This preview shows how the Hex color 6B7FB2 looks on a white background.

Color Contrast Check

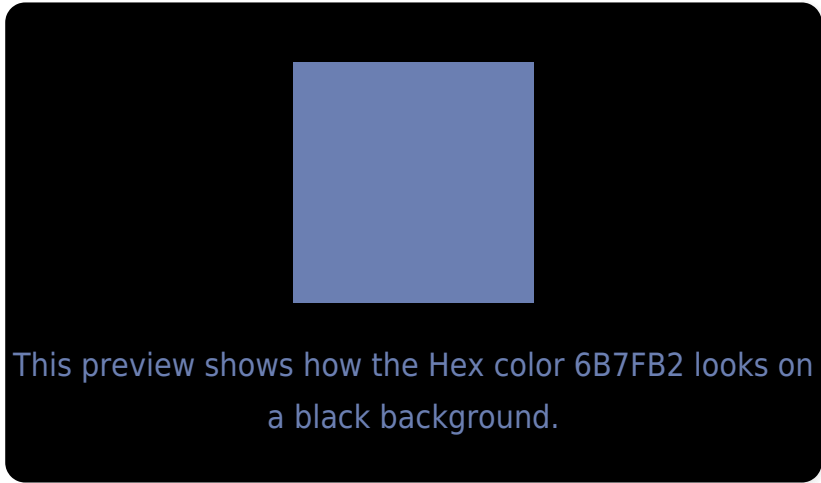
Large Text (above 18pt) WCAG AA ✓ Pass

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

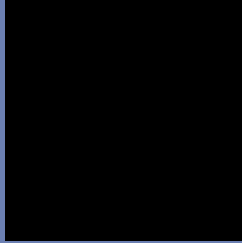
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

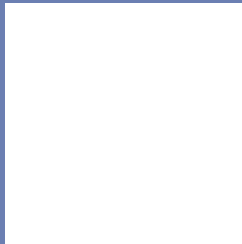
Any Text WCAG AAA × Fail

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

Hex 6B7FB2 Background



This preview shows how black text looks on a background with the Hex color 6B7FB2.

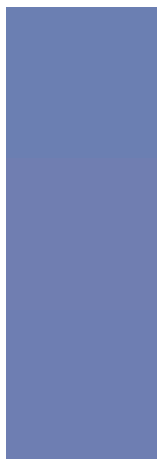


This preview shows how white text looks on a background with the Hex color 6B7FB2.

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
6B7FB2

Protanopia
707EB1

Deuteranopia
6E7EB2



Tritanopia
628590

Trichromacy



Original Color
6B7FB2

Protanomaly
6E7EB1

Deuteranomaly
6D7EB2

Tritanomaly
65839C

Monochromacy



Original Color
6B7FB2

Achromatopsia
7F7F7F

Achromatomaly
787F92

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7FB2 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 #6B7FB2 looks like.

```
.text, #text, p{  
    color:#6B7FB2  
}
```

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 #6B7FB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7FB2
}
```

Border

The CSS property to change the border of an element to Hex 6B7FB2 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".

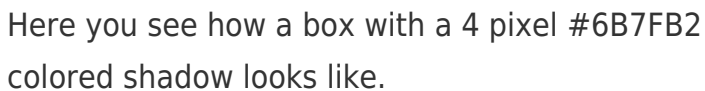
```
.border, #border, table{ border:4px solid
#6B7FB2 }
```

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

```
.border{ border-color:#6B7FB2 }
```

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

Here you see how a box with a 4 pixel #6B7FB2 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7FB2; -webkit-box-shadow:4px 4px  
4px 4px #6B7FB2; box-shadow:4px 4px 4px  
4px #6B7FB2 }
```

Background

The CSS property to change the background color of an element to Hex 6B7FB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7FB2 }
```

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

```
.background{ background-color:#6B7FB2 }
```

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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