

# Converting Colors

Hex(6A7FBA)

Have a look what the booklet for  
Hex(6A7FBA) contains.

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# Color

**Hex(6A7FBA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A7FBA
RGB	106, 127, 186
RGB Percent	42%, 50%, 73%
CMY	0.5843, 0.5020, 0.2706
CMYK	0.43, 0.32, 0.00, 0.27
HSL	224°, 37%, 57%
HSV	224°, 43%, 73%
XYZ	22.3962, 21.7881, 49.4795
YIQ	127.4470, -31.4550, 13.8970

# Conversions

## Conversions Part 2

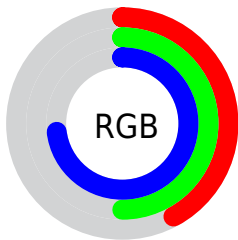
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 123, 186
Decimal	6979514
CIE Lab	53.80, 7.96, -33.42
CIE LCh	54, 34.350, 283.397
Yxy	21.7881, 0.2391, 0.2326
Android (android.graphics.Color)	4285169594 (0xFF6A7FBA)
YUV	127.4470, 28.8666, -18.8090
Hunter-Lab	46.6777, 3.9590, -30.1744

# Details

The Hex color **6A7FBA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **BAA56A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **A0B4F2**, and **354E85** is the 20% darker color. If you saturate the color by 10%, you get **5771BA**, and if you desaturate by 10%, it is **7D8DBA**.

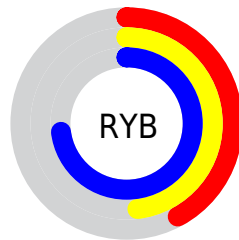
# Distribution



Red (42%)

Green (50%)

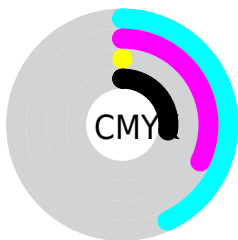
Blue (73%)



Red (42%)

Yellow (48%)

Blue (73%)

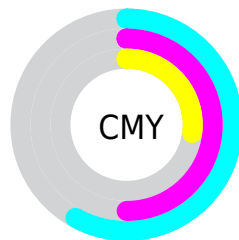


Cyan (43%)

Magenta (32%)

Yellow (0%)

Black (27%)



Cyan (58%)

Magenta (50%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A7FBA 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 6A7FBA by changing the saturation by 10% instead.



■ 6A7FBA

■ 6A7FBA

FFFFFF

■ 4F669F

■ A0B4F2

■ 354E85

■ BCCFFF

■ 17386B

■ D9EBFF

■ 002352

■ F6FFFF

■ 000D3B

■ 000225

■ 00010D

■ 000000

■ 6A7FBA

■ 6A7FBA

■ 5771BA

■ 7D8DBA

■ 4564BA

■ 8F9ABA

■ 3256BA

■ A2A8BA

■ 2048BA

■ B4B6BA

■ 0D3ABA

■ C7C4BA

■ 0031BA

■ DAD1BA

■ ECDFBA

■ FFEDBA

■ FFFABA

# Harmonies

## Analogous

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



2F88B9



6A7FBA



9574AC

# Triad

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



6A7FBA



B46F59



3E8F6F

# Complementary

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



6A7FBA



BAA56A

# 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.



658B54



6A7FBA



A17948

# Square

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



6A7FBA



BA6974



868346



00908D

# Rectangle

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



6A7FBA



A86D9C



868346



4C8E65



# Sweetspot

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



6A7FBA



D3DBF2



6ABAA5



676C7A



FAFAFA



7A7A7A



# Same Dimension

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



6A7FBA



7495F2



7D6ABA



53555C



00299C



00071C



# Inverse Universe

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



BA6A7F



F27495



A7BA6A



5C5355



9C0029

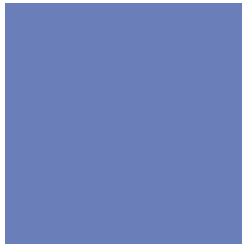


1C0007



# Previews

## White Background



This preview shows how the Hex color 6A7FBA looks on a white background.

## Color Contrast Check

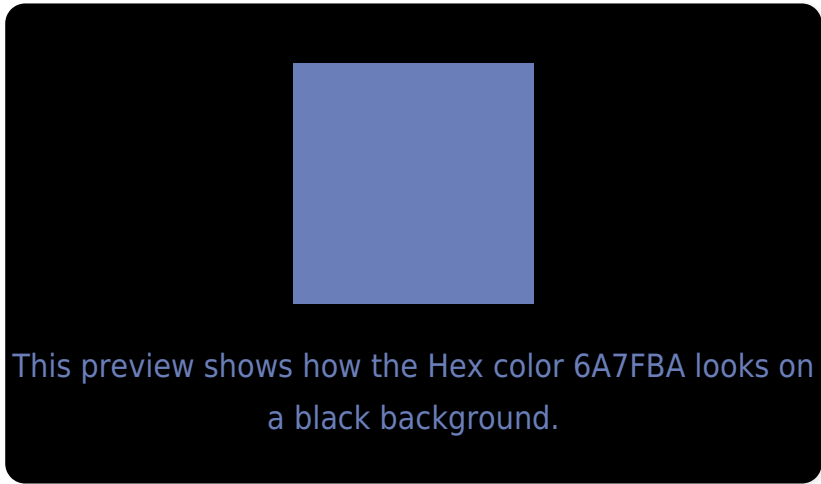
Large Text (above 18pt) WCAG AA ✓ Pass

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

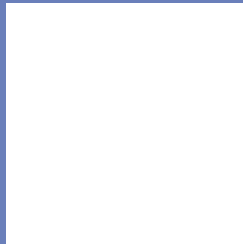
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6A7FBA Background



This preview shows how black text looks on a background with the Hex color 6A7FBA.

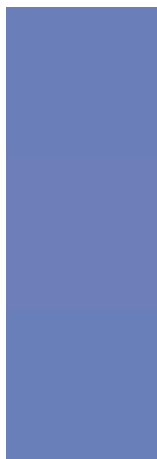


This preview shows how white text looks on a background with the Hex color 6A7FBA.

# 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**

6A7FBA

**Protanopia**

6D7EB9

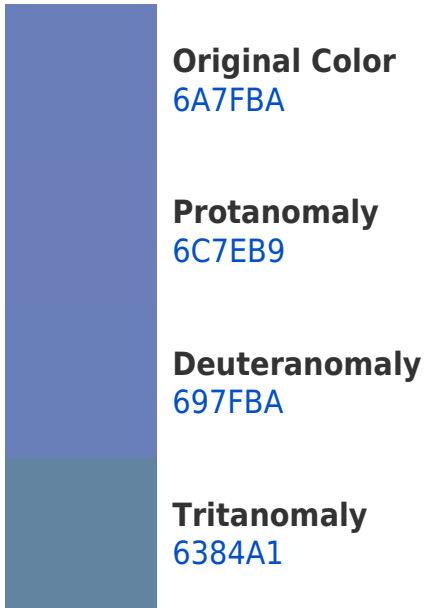
**Deuteranopia**

697FBA



**Tritanopia**  
5F8792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A7FBA 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 #6A7FBA looks like.

```
.text, #text, p{  
    color:#6A7FBA  
}
```

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 #6A7FBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7FBA
}
```

## Border

The CSS property to change the border of an element to Hex 6A7FBA is called "border". The border property can be set on classes, ids or directly on the HTML element.

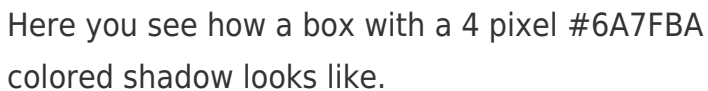
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A7FBA }
```

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

```
.border{ border-color:#6A7FBA }
```

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



Here you see how a box with a 4 pixel #6A7FBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7FBA; -webkit-box-shadow:4px 4px  
4px 4px #6A7FBA; box-shadow:4px 4px 4px  
4px #6A7FBA }
```

# Background

The CSS property to change the background color of an element to Hex 6A7FBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7FBA }
```

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

```
.background{ background-color:#6A7FBA }
```

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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