

Converting Colors

Hex(6B8FBE)

Have a look what the booklet for
Hex(6B8FBE) contains.

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Color

Hex(6B8FBE)

Conversions

Conversions Part 1

Format	Color
Hex	6B8FBE
RGB	107, 143, 190
RGB Percent	42%, 56%, 75%
CMY	0.5804, 0.4392, 0.2549
CMYK	0.44, 0.25, 0.00, 0.25
HSL	214°, 39%, 58%
HSV	214°, 44%, 75%
XYZ	25.1801, 26.4884, 52.5008
YIQ	137.5940, -36.5430, 6.9850

Conversions

Conversions Part 2

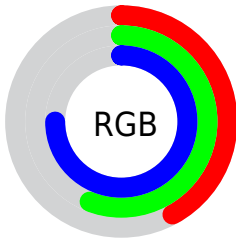
Format	Color
RYB	107, 132, 190
Decimal	7049150
CIELab	58.50, 0.02, -28.39
CIElCh	58, 28.387, 270.032
Yxy	26.4884, 0.2417, 0.2543
Android (android.graphics.Color)	4285239230 (0xFF6B8FBE)
YUV	137.5940, 25.8362, -26.8309
Hunter-Lab	51.4669, -2.7362, -24.4543

Details

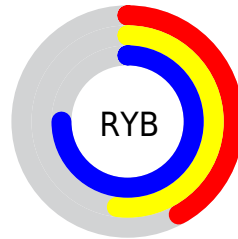
The Hex color **6B8FBE** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BE9A6B**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A2C5F6**, and **355D88** is the 20% darker color. If you saturate the color by 10%, you get **5884BE**, and if you desaturate by 10%, it is **7E9ABE**.

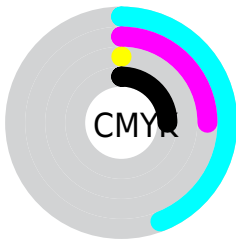
Distribution



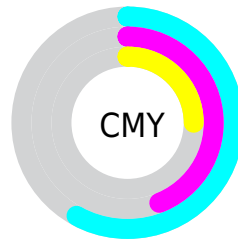
- Red (42%)
- Green (56%)
- Blue (75%)



- Red (42%)
- Yellow (52%)
- Blue (75%)



- Cyan (44%)
- Magenta (25%)
- Yellow (0%)
- Black (25%)



- Cyan (58%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B8FBE 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 6B8FBE by changing the saturation by 10% instead.

■ 6B8FBE

■ 6B8FBE

FFFFFF

■ 5075A3

■ A2C5F6

■ 355D88

■ BEE1FF

■ 17466F

■ DAFDFF

■ 002F56

■ F7FFFF

■ 001B3F

■ 000329

■ 000113

■ 000000

■ 6B8FBE

■ 6B8FBE

■ 5884BE

■ 7E9ABE

■ 4579BE

■ 91A5BE

■ 326FBE

■ A4AFBE

■ 1F64BE

■ B7BABE

■ 0C59BE

■ CAC5BE

■ 0052BE

■ DDD0BE

■ F0DABE

■ FFE5BE

■ FFF0BE

Harmonies

Analogous

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



4696B7



6B8FBE



9086B8

Triad

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



6B8FBE



BD7C75



669873

Complementary

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



6B8FBE



BE9A6B

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.



849361



6B8FBE



B28362

Square

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



6B8FBE



BC7A8E



9E8B5B



499A8C

Rectangle

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



6B8FBE



A481AD



9E8B5B



70966C

Sweetspot

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



6B8FBE



D7E5F7



6BBE99



69727D



FCFCFC



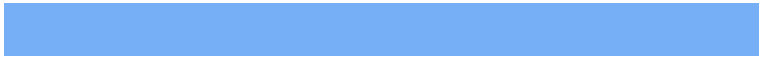
7D7D7D

Same Dimension

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



6B8FBE



77AFF7



6F6BBE



55595E



00459E



000D1F

Inverse Universe

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



BE6B8F



F777AF



BABE6B



5E5559



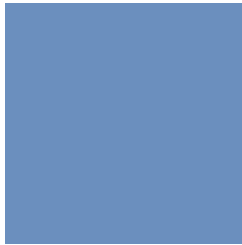
9E0045



1F000D

Previews

White Background



This preview shows how the Hex color 6B8FBE looks on a white background.

Color Contrast Check

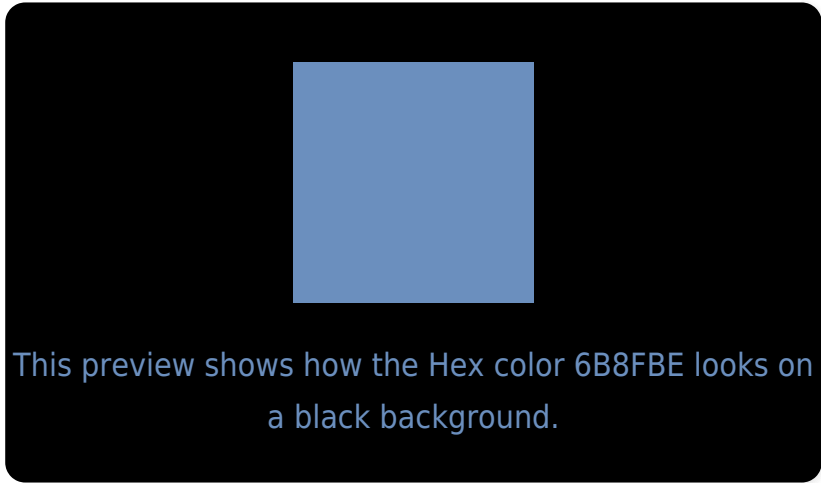
Large Text (above 18pt) WCAG AA ✓ Pass

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

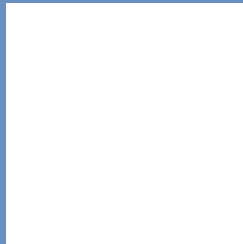
Any Text WCAG AAA × Fail

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

Hex 6B8FBE Background



This preview shows how black text looks on a background with the Hex color 6B8FBE.

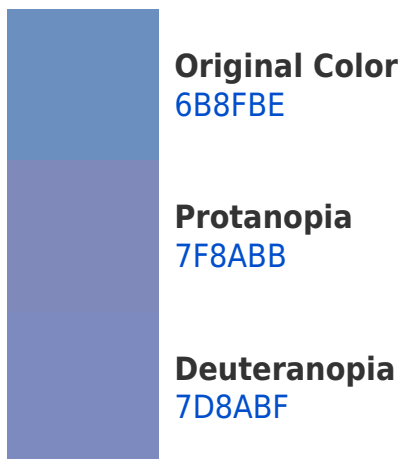


This preview shows how white text looks on a background with the Hex color 6B8FBE.

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](#).

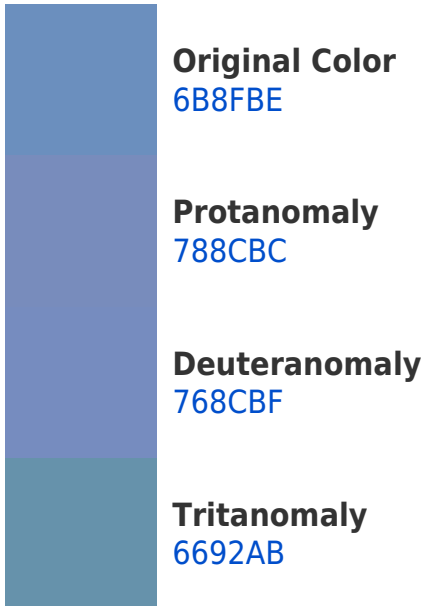
Dichromacy



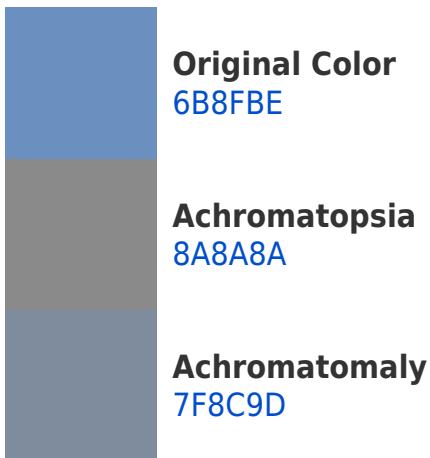


Tritanopia
6394A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B8FBE 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 #6B8FBE looks like.

```
.text, #text, p{  
    color:#6B8FBE  
}
```

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 #6B8FBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B8FBE
}
```

Border

The CSS property to change the border of an element to Hex 6B8FBE 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
#6B8FBE }
```

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

```
.border{ border-color:#6B8FBE }
```

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

Here you see how a box with a 4 pixel #6B8FBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B8FBE; -webkit-box-shadow:4px 4px  
4px 4px #6B8FBE; box-shadow:4px 4px 4px  
4px #6B8FBE }
```

Background

The CSS property to change the background color of an element to Hex 6B8FBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B8FBE }
```

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

```
.background{ background-color:#6B8FBE }
```

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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