

Converting Colors

Hex(6B71BD)

Have a look what the booklet for
Hex(6B71BD) contains.

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Color

Hex(6B71BD)

Conversions

Conversions Part 1

Format	Color
Hex	6B71BD
RGB	107, 113, 189
RGB Percent	42%, 44%, 74%
CMY	0.5804, 0.5569, 0.2588
CMYK	0.43, 0.40, 0.00, 0.26
HSL	236°, 38%, 58%
HSV	236°, 43%, 74%
XYZ	21.1538, 18.6102, 50.6213
YIQ	119.8700, -27.9720, 22.3640

Conversions

Conversions Part 2

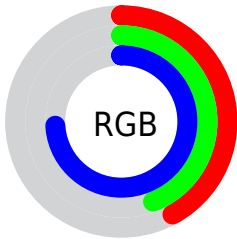
Format	Color
R_{YB}	107, 113, 189
Decimal	7041469
CIE _{Lab}	50.23, 17.54, -40.75
CIE _{LCh}	50, 44.366, 293.291
Yxy	18.6102, 0.2340, 0.2059
Android (android.graphics.Color)	4285231549 (0xFF6B71BD)
YUV	119.8700, 34.0811, -11.2870
Hunter-Lab	43.1395, 12.0349, -39.3752

Details

The Hex color **6B71BD** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **BDB76B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A2A5F6**, and **354187** is the 20% darker color. If you saturate the color by 10%, you get **585FBD**, and if you desaturate by 10%, it is **7E83BD**.

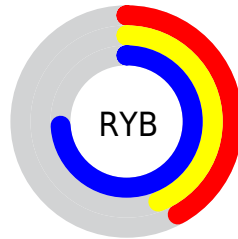
Distribution



Red (42%)

Green (44%)

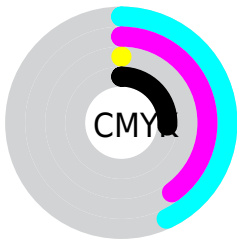
Blue (74%)



Red (42%)

Yellow (44%)

Blue (74%)

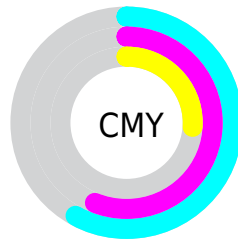


Cyan (43%)

Magenta (40%)

Yellow (0%)

Black (26%)



Cyan (58%)

Magenta (56%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B71BD 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 6B71BD by changing the saturation by 10% instead.

■ 6B71BD

■ 6B71BD

FFFFFF

■ 5059A2

■ A2A5F6

■ 354187

■ BEC0FF

■ 152C6D

■ DBDCFF

■ 001855

■ F8F8FF

■ 00003D

■ 000326

■ 00010F

■ 000000

■ 6B71BD

■ 6B71BD

■ 585FBD

■ 7E83BD

■ 454EBD

■ 9194BD

■ 323CBD

■ A4A6BD

■ 1F2BBD

■ B7B7BD

■ 0C19BD

■ CAC9BD

■ 000EBD

■ DCDABD

■ EFECBD

■ FFFDBD

■ FFFFBD

Harmonies

Analogous

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



007EC2



6B71BD



9E62A5

Triad

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



6B71BD



AF643C



008A6D

Complementary

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



6B71BD



BDB76B

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.



418648



6B71BD



947329

Square

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



6B71BD



BD585C



707E2E



008A94

Rectangle

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



6B71BD



B2598E



707E2E



008960

Sweetspot

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



6B71BD



D5D7F5



6BBDB6



67687A



FAFAFA



7A7A7A

Same Dimension

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



6B71BD



767FF5



8D6BBD



55565E



000C9E



00021F

Inverse Universe

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



BD6B71



F5767F



9BBD6B



5E5556



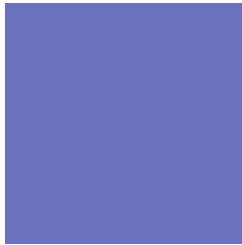
9E000C



1F0002

Previews

White Background



This preview shows how the Hex color 6B71BD looks on a white background.

Color Contrast Check

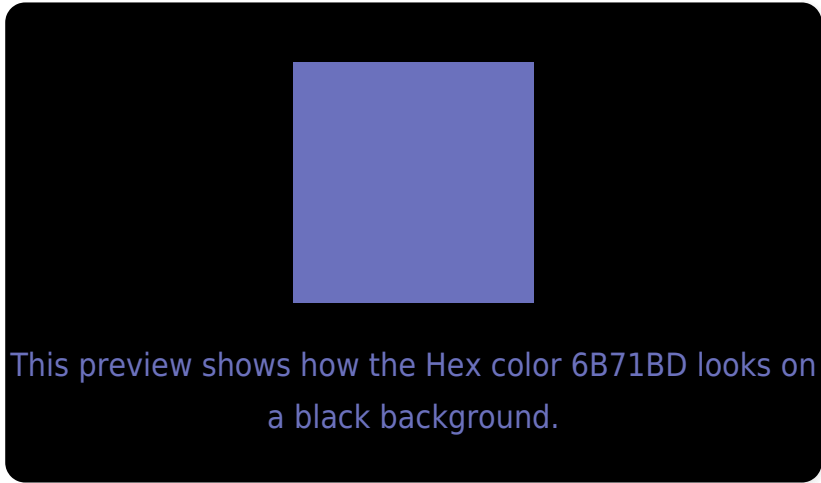
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B71BD Background



This preview shows how black text looks on a background with the Hex color 6B71BD.

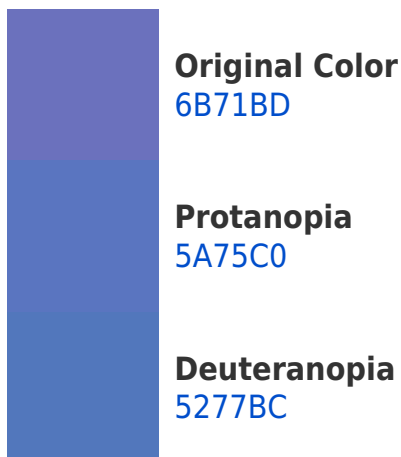


This preview shows how white text looks on a background with the Hex color 6B71BD.

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](#).

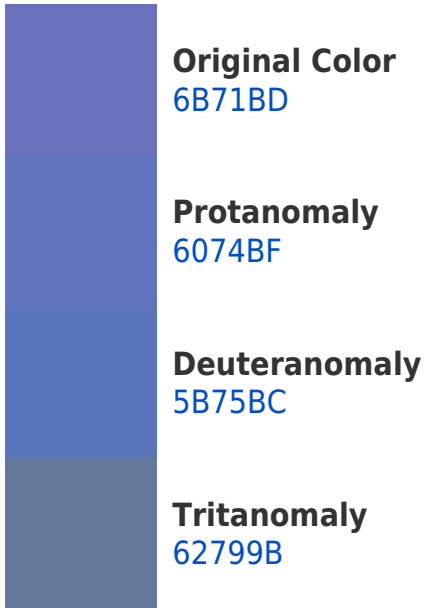
Dichromacy





Tritanopia
5D7D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B71BD 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 #6B71BD looks like.

```
.text, #text, p{  
    color:#6B71BD  
}
```

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 #6B71BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B71BD
}
```

Border

The CSS property to change the border of an element to Hex 6B71BD 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".

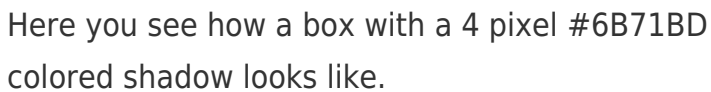
```
.border, #border, table{ border:4px solid
#6B71BD }
```

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

```
.border{ border-color:#6B71BD }
```

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

Here you see how a box with a 4 pixel #6B71BD 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 #6B71BD; -webkit-box-shadow:4px 4px  
4px 4px #6B71BD; box-shadow:4px 4px 4px  
4px #6B71BD }
```

Background

The CSS property to change the background color of an element to Hex 6B71BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B71BD }
```

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

```
.background{ background-color:#6B71BD }
```

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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