

Converting Colors

Hex(6B5DB9)

Have a look what the booklet for
Hex(6B5DB9) contains.

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Color

Hex(6B5DB9)

Conversions

Conversions Part 1

Format	Color
Hex	6B5DB9
RGB	107, 93, 185
RGB Percent	42%, 36%, 73%
CMY	0.5804, 0.6353, 0.2745
CMYK	0.42, 0.50, 0.00, 0.27
HSL	249°, 40%, 55%
HSV	249°, 50%, 73%
XYZ	18.7347, 14.4573, 47.7020
YIQ	107.6740, -21.1880, 31.5800

Conversions

Conversions Part 2

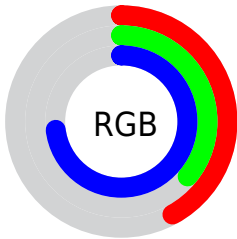
Format	Color
R_{YB}	107, 93, 185
Decimal	7036345
CIE _{Lab}	44.88, 28.57, -46.93
CIE _{LCh}	45, 54.941, 301.328
Yxy	14.4573, 0.2316, 0.1787
Android (android.graphics.Color)	4285226425 (0xFF6B5DB9)
YUV	107.6740, 38.1217, -0.5911
Hunter-Lab	38.0227, 21.4114, -47.7673

Details

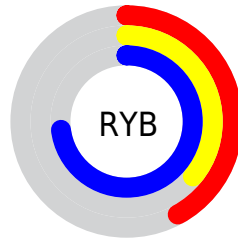
The Hex color **6B5DB9** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **ABB95D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **A290F2**, and **342F83** is the 20% darker color. If you saturate the color by 10%, you get **5B4AB9**, and if you desaturate by 10%, it is **7B6FB9**.

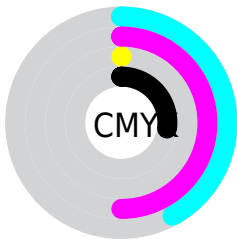
Distribution



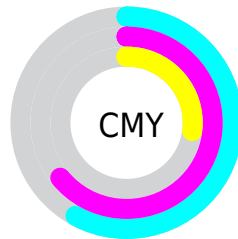
- Red (42%)
- Green (36%)
- Blue (73%)



- Red (42%)
- Yellow (36%)
- Blue (73%)



- Cyan (42%)
- Magenta (50%)
- Yellow (0%)
- Black (27%)



- Cyan (58%)
- Magenta (64%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B5DB9 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 6B5DB9 by changing the saturation by 10% instead.

■ 6B5DB9

■ 6B5DB9

FFFFFF

■ 50459E

■ A290F2

■ 342F83

■ BEAAFF

■ 141969

■ DBC6FF

■ 000451

■ F9E2FF

■ 000039

FFFEFF

■ 000222

■ 000009

■ 000000

■ 6B5DB9

■ 6B5DB9

5B4AB9

7B6FB9

4C38B9

8A82B9

3C25B9

9A95B9

2C13B9

AAA7B9

1D00B9

B9BAB9

1C00B9

C9CCB9

D9DEB9

E8F1B9

F8FFB9

Harmonies

Analogous

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



006FC6



6B5DB9



A24797

Triad

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



6B5DB9



A15714



007F6B

Complementary

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



6B5DB9



ABB95D

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.



007C3C



6B5DB9



7E6900

Square

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



6B5DB9



B8433D



50750D



007F99

Rectangle

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



6B5DB9



B53C7A



50750D



007E5B

Sweetspot

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



6B5DB9



D1CCF0



5DABB9



666278



F7F7F7



787878

Same Dimension

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



6B5DB9



7660F0



995DB9



54535C



18009C



04001C

Inverse Universe

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



B95DAB



F060DA



7DB95D



5C535A



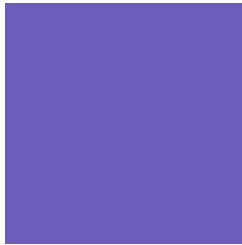
9C0084



1C0018

Previews

White Background



This preview shows how the Hex color 6B5DB9 looks on a white background.

Color Contrast Check

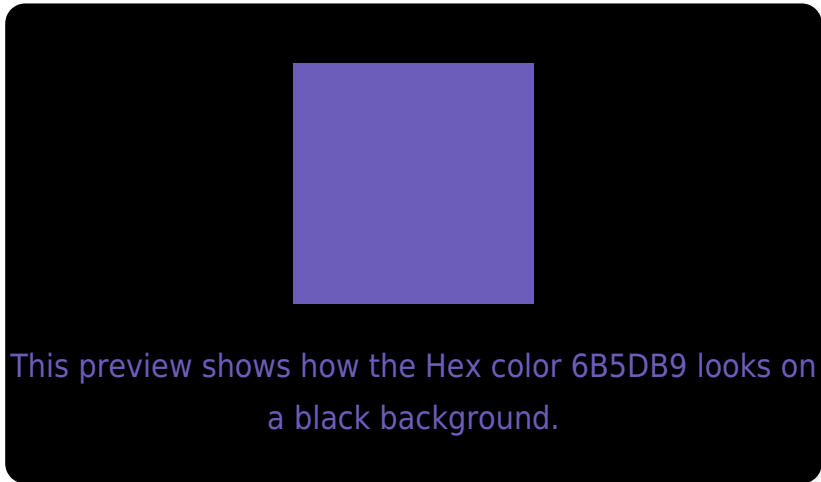
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

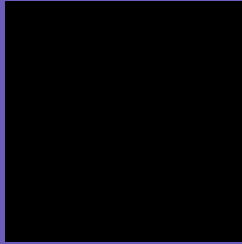
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 6B5DB9 Background



This preview shows how black text looks on a background with the Hex color 6B5DB9.



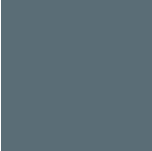
This preview shows how white text looks on a background with the Hex color 6B5DB9.

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](#).

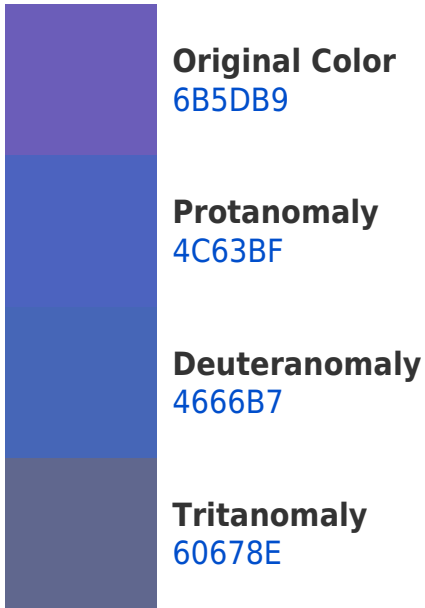
Dichromacy



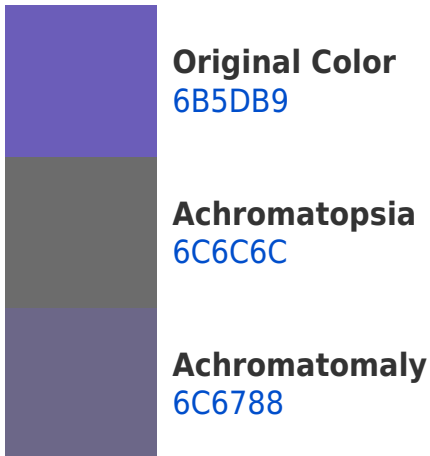


Tritanopia
5A6D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B5DB9 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 #6B5DB9 looks like.

```
.text, #text, p{  
    color:#6B5DB9  
}
```

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 #6B5DB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B5DB9
}
```

Border

The CSS property to change the border of an element to Hex 6B5DB9 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
#6B5DB9 }
```

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

```
.border{ border-color:#6B5DB9 }
```

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

Here you see how a box with a 4 pixel #6B5DB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B5DB9; -webkit-box-shadow:4px 4px  
4px 4px #6B5DB9; box-shadow:4px 4px 4px  
4px #6B5DB9 }
```

Background

The CSS property to change the background color of an element to Hex 6B5DB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B5DB9 }
```

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

```
.background{ background-color:#6B5DB9 }
```

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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