

Converting Colors

Hex(6B5CB7)

Have a look what the booklet for
Hex(6B5CB7) contains.

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Color

Hex(6B5CB7)

Conversions

Conversions Part 1

Format	Color
Hex	6B5CB7
RGB	107, 92, 183
RGB Percent	42%, 36%, 72%
CMY	0.5804, 0.6392, 0.2824
CMYK	0.42, 0.50, 0.00, 0.28
HSL	250°, 39%, 54%
HSV	250°, 50%, 72%
XYZ	18.4378, 14.1990, 46.5686
YIQ	106.8590, -20.2710, 31.4810

Conversions

Conversions Part 2

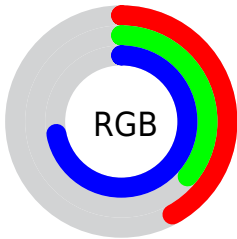
Format	Color
R_{YB}	107, 92, 183
Decimal	7036087
CIE _{Lab}	44.52, 28.59, -46.35
CIE _{LCh}	45, 54.457, 301.671
Yxy	14.1990, 0.2328, 0.1793
Android (android.graphics.Color)	4285226167 (0xFF6B5CB7)
YUV	106.8590, 37.5375, 0.1237
Hunter-Lab	37.6815, 21.3984, -46.8963

Details

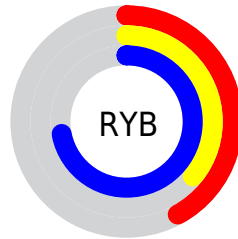
The Hex color **6B5CB7** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A8B75C**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **A28FF0**, and **342E81** is the 20% darker color. If you saturate the color by 10%, you get **5C4AB7**, and if you desaturate by 10%, it is **7A6EB7**.

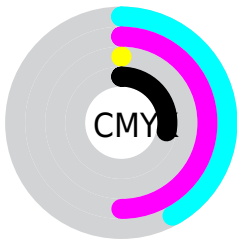
Distribution



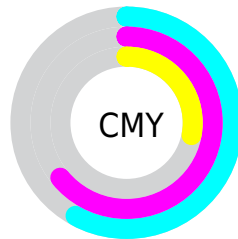
- Red (42%)
- Green (36%)
- Blue (72%)



- Red (42%)
- Yellow (36%)
- Blue (72%)



- Cyan (42%)
- Magenta (50%)
- Yellow (0%)
- Black (28%)



- Cyan (58%)
- Magenta (64%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B5CB7 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 6B5CB7 by changing the saturation by 10% instead.

■ 6B5CB7

■ 6B5CB7

FFFFFF

■ 50449C

■ A28FF0

■ 342E81

■ BEA9FF

■ 151868

■ DBC4FF

■ 00024F

■ F8E0FF

■ 000137

■ FFFDFD

■ 000221

■ 000006

■ 000000

■ 6B5CB7

■ 6B5CB7

■ 5C4AB7

■ 7A6EB7

■ 4C37B7

■ 8A81B7

■ 3D25B7

■ 9993B7

■ 2E13B7

■ A8A5B7

■ 1F01B7

■ B7B8B7

■ 1E00B7

■ C7CAB7

■ D6DCB7

■ E5EEB7

■ F5FFB7

Harmonies

Analogous

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



006EC4



6B5CB7



A14695

Triad

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



6B5CB7



A05614



007E6B

Complementary

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



6B5CB7



A8B75C

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.



007B3C



6B5CB7



7C6800

Square

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



6B5CB7



B6423C



4F740E



007E98

Rectangle

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



6B5CB7



B43C78



4F740E



007D5B

Sweetspot

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



6B5CB7



CFCAED



5CA9B7



666278



F7F7F7



787878

Same Dimension

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



6B5CB7



765FED



975CB7



54535C



1A009C



05001C

Inverse Universe

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



B75CA8



ED5FD6



7CB75C



5C535A



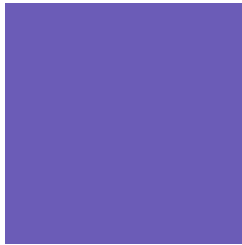
9C0082



1C0017

Previews

White Background



This preview shows how the Hex color 6B5CB7 looks on a white background.

Color Contrast Check

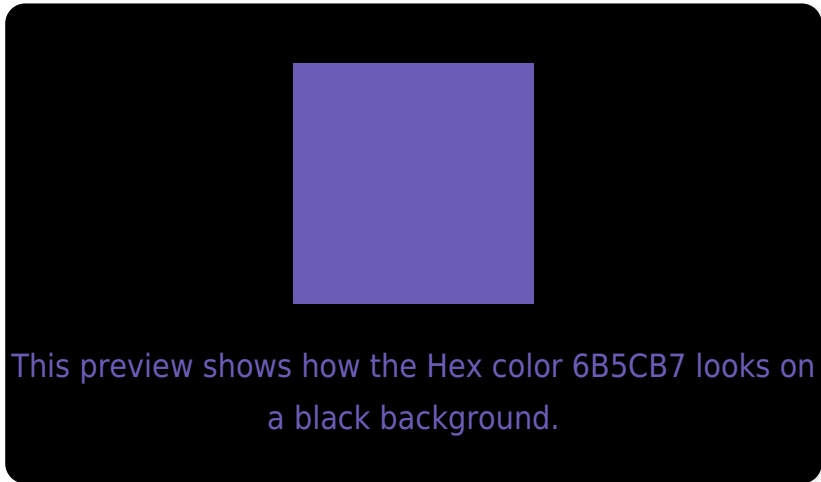
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B5CB7 Background



This preview shows how black text looks on a background with the Hex color 6B5CB7.



This preview shows how white text looks on a background with the Hex color 6B5CB7.

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](#).

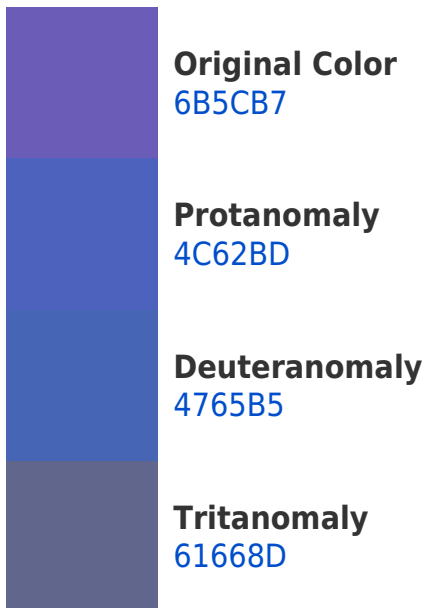
Dichromacy





Tritanopia
5B6C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B5CB7 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 #6B5CB7 looks like.

```
.text, #text, p{  
    color:#6B5CB7  
}
```

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 #6B5CB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B5CB7
}
```

Border

The CSS property to change the border of an element to Hex 6B5CB7 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
#6B5CB7 }
```

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

```
.border{ border-color:#6B5CB7 }
```

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

Here you see how a box with a 4 pixel #6B5CB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B5CB7; -webkit-box-shadow:4px 4px  
4px 4px #6B5CB7; box-shadow:4px 4px 4px  
4px #6B5CB7 }
```

Background

The CSS property to change the background color of an element to Hex 6B5CB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B5CB7 }
```

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

```
.background{ background-color:#6B5CB7 }
```

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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