

Converting Colors

Hex(6B5CCE)

Have a look what the booklet for
Hex(6B5CCE) contains.

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Color

Hex(6B5CCE)

Conversions

Conversions Part 1

Format	Color
Hex	6B5CCE
RGB	107, 92, 206
RGB Percent	42%, 36%, 81%
CMY	0.5804, 0.6392, 0.1922
CMYK	0.48, 0.55, 0.00, 0.19
HSL	248°, 54%, 58%
HSV	248°, 55%, 81%
XYZ	21.0311, 15.2363, 60.2250
YIQ	109.4810, -27.6540, 38.6340

Conversions

Conversions Part 2

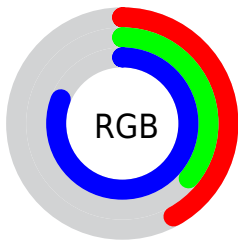
Format	Color
R_{YB}	107, 92, 206
Decimal	7036110
CIE _{Lab}	45.96, 35.37, -57.35
CIE _{LCh}	46, 67.381, 301.661
Yxy	15.2363, 0.2180, 0.1579
Android (android.graphics.Color)	4285226190 (0xFF6B5CCE)
YUV	109.4810, 47.5839, -2.1758
Hunter-Lab	39.0337, 27.8656, -64.1546

Details

The Hex color **6B5CCE** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted purple. A complement of this color would be **BFCE5C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A48FFF**, and **2F2D97** is the 20% darker color. If you saturate the color by 10%, you get **5947CE**, and if you desaturate by 10%, it is **7D71CE**.

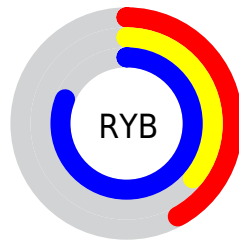
Distribution



Red (42%)

Green (36%)

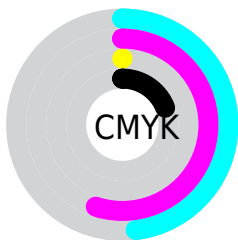
Blue (81%)



Red (42%)

Yellow (36%)

Blue (81%)

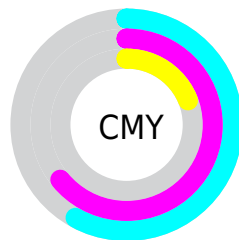


Cyan (48%)

Magenta (55%)

Yellow (0%)

Black (19%)



Cyan (58%)

Magenta (64%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B5CCE 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 6B5CCE by changing the saturation by 10% instead.

 6B5CCE

 6B5CCE

FFFFFF

 4E44B2

 A48FFF

 2F2D97

 C1A9FF

 00187C

 DFC5FF

 000363

 FCE1FF

 00004A

FFFEFF

 000432

 00021C

 000000

 6B5CCE

 6B5CCE

■ 5947CE

■ 7D71CE

■ 4733CE

■ 8F85CE

■ 351ECE

■ A19ACE

■ 230ACE

■ B3AECE

■ 1B00CE

■ C4C3CE

■ D6D8CE

■ E8ECCE

■ FAFFCE

■ FFFFCE

Harmonies

Analogous

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



0073DF



6B5CCE



B13CA3

Triad

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



6B5CCE



AD5400



00856F

Complementary

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



6B5CCE



BFCE5C

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.



008233



6B5CCE



816C00

Square

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



6B5CCE



C93635



487A00



0085A7

Rectangle

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



6B5CCE



C7287F



487A00



00845B

Sweetspot

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



6B5CCE



D9D4FF



5CC1CE



696680



000000



808080

Same Dimension

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



6B5CCE



6D57FF



A25CCE



5D5C66



1600A6



050026

Inverse Universe

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



CE5CBF



FF57E9



88CE5C



665C65



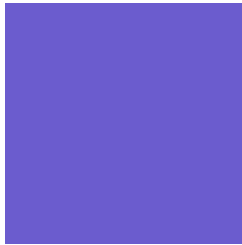
A60090



260021

Previews

White Background



This preview shows how the Hex color 6B5CCE looks on a white background.

Color Contrast Check

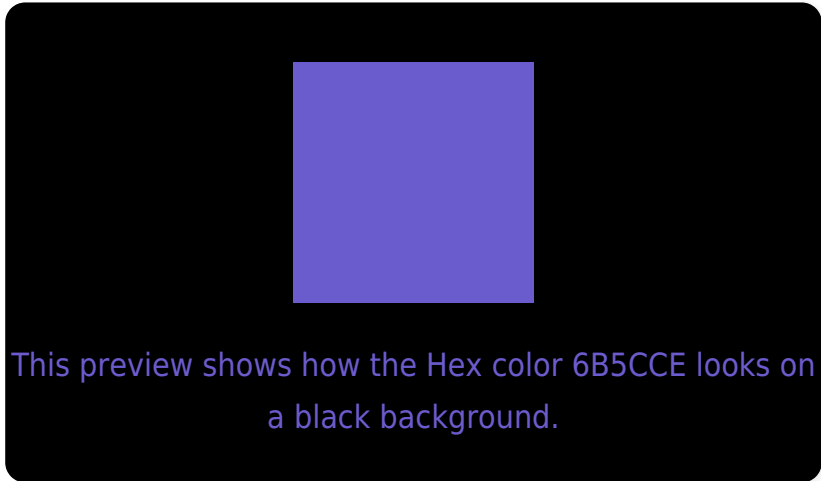
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B5CCE Background



This preview shows how black text looks on a background with the Hex color 6B5CCE.

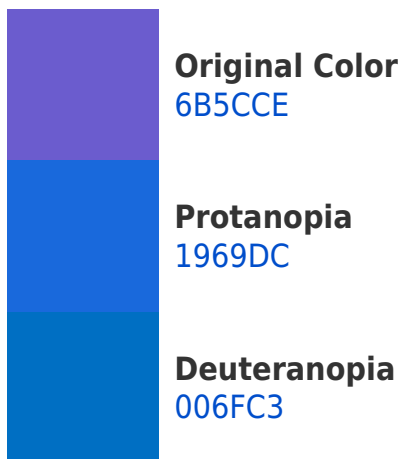


This preview shows how white text looks on a background with the Hex color 6B5CCE.

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](#).

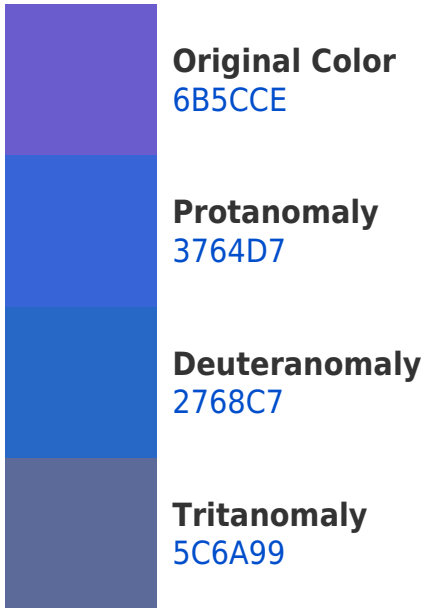
Dichromacy



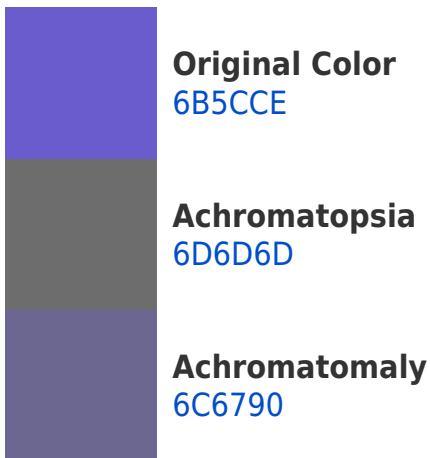


Tritanopia
53727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B5CCE 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 #6B5CCE looks like.

```
.text, #text, p{  
    color:#6B5CCE  
}
```

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 #6B5CCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B5CCE
}
```

Border

The CSS property to change the border of an element to Hex 6B5CCE 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
#6B5CCE }
```

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

```
.border{ border-color:#6B5CCE }
```

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

Here you see how a box with a 4 pixel #6B5CCE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B5CCE; -webkit-box-shadow:4px 4px  
4px 4px #6B5CCE; box-shadow:4px 4px 4px  
4px #6B5CCE }
```

Background

The CSS property to change the background color of an element to Hex 6B5CCE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B5CCE }
```

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

```
.background{ background-color:#6B5CCE }
```

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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