

Converting Colors

Hex(6C47DD)

Have a look what the booklet for
Hex(6C47DD) contains.

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Color

Hex(6C47DD)

Conversions

Conversions Part 1

Format	Color
Hex	6C47DD
RGB	108, 71, 221
RGB Percent	42%, 28%, 87%
CMY	0.5765, 0.7216, 0.1333
CMYK	0.51, 0.68, 0.00, 0.13
HSL	255°, 69%, 57%
HSV	255°, 68%, 87%
XYZ	21.4887, 12.9151, 69.7669
YIQ	99.1630, -26.0980, 54.4940

Conversions

Conversions Part 2

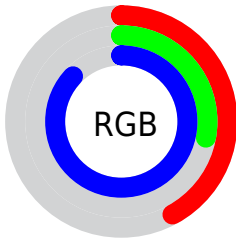
Format	Color
RYB	108, 71, 221
Decimal	7096285
CIELab	42.64, 51.86, -71.33
CIELCh	43, 88.188, 306.020
Yxy	12.9151, 0.2063, 0.1240
Android (android.graphics.Color)	4285286365 (0xFF6C47DD)
YUV	99.1630, 60.0656, 7.7500
Hunter-Lab	35.9376, 43.8427, -89.9456

Details

The Hex color **6C47DD** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **B8DD47**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **A87AFF**, and **2915A5** is the 20% darker color. If you saturate the color by 10%, you get **5B31DD**, and if you desaturate by 10%, it is **7D5DDD**.

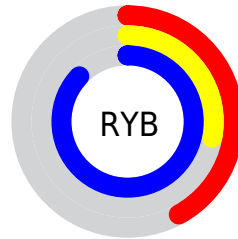
Distribution



Red (42%)

Green (28%)

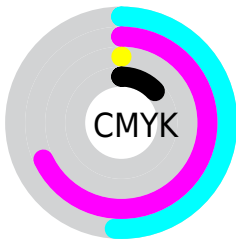
Blue (87%)



Red (42%)

Yellow (28%)

Blue (87%)

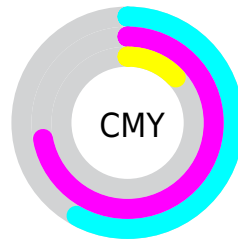


Cyan (51%)

Magenta (68%)

Yellow (0%)

Black (13%)



Cyan (58%)

Magenta (72%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C47DD 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 6C47DD by changing the saturation by 10% instead.

6C47DD

6C47DD

FFFFFF

4D2EC0

A87AFF

2915A5

C695FF

00008A

E4B0FF

00006F

FFCCFF

000056

FFE8FF

00063D

000327

000110

000000

 6C47DD

 6C47DD

 5B31DD

 7D5DDD

 4B1BDD

 8D73DD

 3A05DD

 9E89DD

 3700DD

 AF9FDD

 BFB6DD

 D0CCDD

 E1E2DD

 F1F8DD

 FFFFDD

Harmonies

Analogous

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



006BF9



6C47DD



C200A1

Triad

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



6C47DD



A84800



008072

Complementary

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



6C47DD



B8DD47

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.



007D22



6C47DD



6E6700

Square

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



6C47DD



D00010



017600



0081BA

Rectangle

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



6C47DD



D90072



017600



008059

Sweetspot

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



6C47DD



D9CCFF



47BADD



686180



000000



808080

Same Dimension

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



6C47DD



6330FF



B547DD



65636E



2B00AD



0B002E

Inverse Universe

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



DD47B8



FF30CC



6FDD47



6E636B



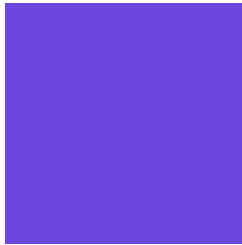
AD0083



2E0023

Previews

White Background



This preview shows how the Hex color 6C47DD looks on a white background.

Color Contrast Check

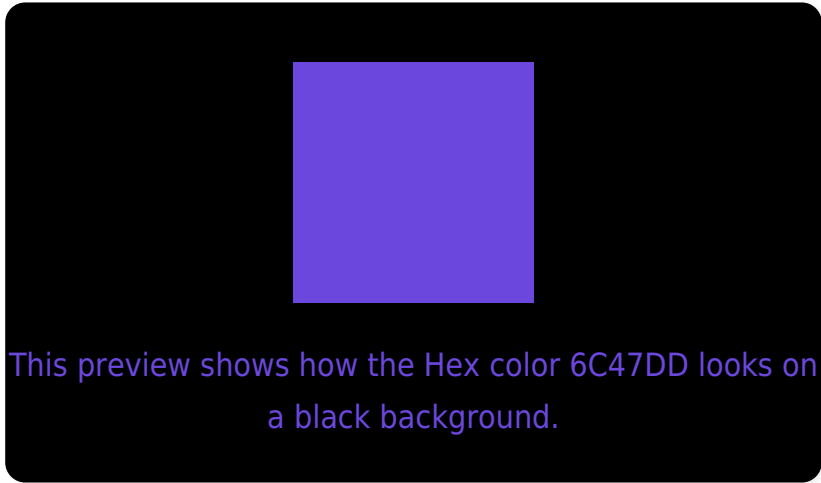
Large Text (above 18pt) WCAG AA ✓ Pass

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

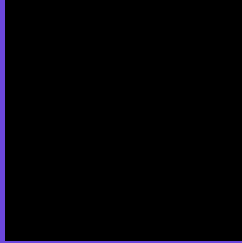
Any Text WCAG AA × Fail

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 6C47DD Background



This preview shows how black text looks on a background with the Hex color 6C47DD.

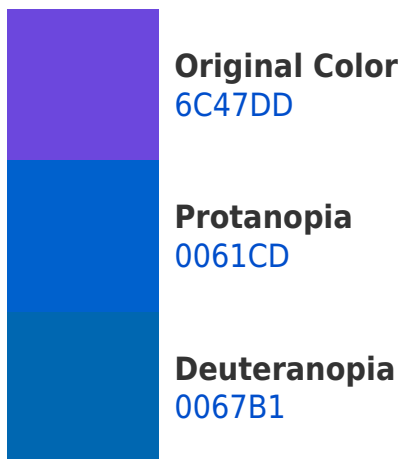


This preview shows how white text looks on a background with the Hex color 6C47DD.

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](#).

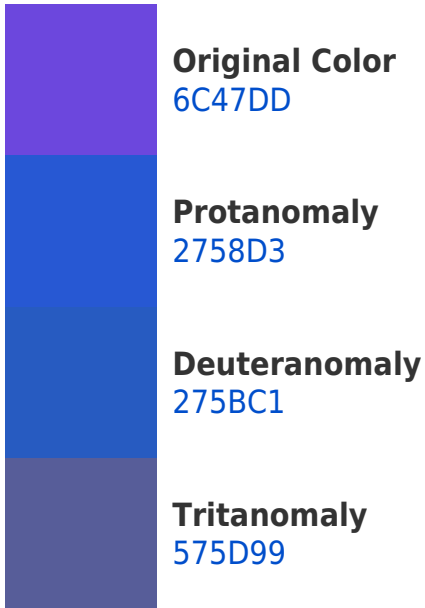
Dichromacy





Tritanopia
4B6972

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C47DD 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 #6C47DD looks like.

```
.text, #text, p{  
    color:#6C47DD  
}
```

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 #6C47DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C47DD
}
```

Border

The CSS property to change the border of an element to Hex 6C47DD is called "border". The border property can be set on classes, ids or directly on the HTML element.

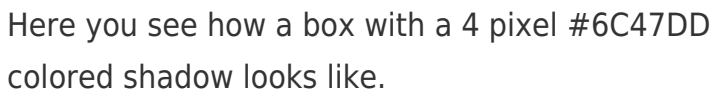
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C47DD }
```

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

```
.border{ border-color:#6C47DD }
```

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



Here you see how a box with a 4 pixel #6C47DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C47DD; -webkit-box-shadow:4px 4px  
4px 4px #6C47DD; box-shadow:4px 4px 4px  
4px #6C47DD }
```

Background

The CSS property to change the background color of an element to Hex 6C47DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C47DD }
```

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

```
.background{ background-color:#6C47DD }
```

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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