

Converting Colors

Hex(6D44DD)

Have a look what the booklet for
Hex(6D44DD) contains.

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Color

Hex(6D44DD)

Conversions

Conversions Part 1

Format	Color
Hex	6D44DD
RGB	109, 68, 221
RGB Percent	43%, 27%, 87%
CMY	0.5725, 0.7333, 0.1333
CMYK	0.51, 0.69, 0.00, 0.13
HSL	256°, 69%, 57%
HSV	256°, 69%, 87%
XYZ	21.4249, 12.6059, 69.7106
YIQ	97.7010, -24.6770, 56.2750

Conversions

Conversions Part 2

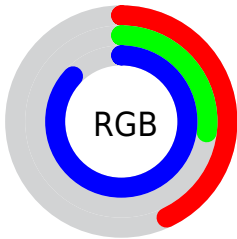
Format	Color
R_{YB}	109, 68, 221
Decimal	7161053
CIE _{Lab}	42.16, 53.59, -72.09
CIE _{LCh}	42, 89.832, 306.626
Yxy	12.6059, 0.2065, 0.1215
Android (android.graphics.Color)	4285351133 (0xFF6D44DD)
YUV	97.7010, 60.7864, 9.9092
Hunter-Lab	35.5048, 45.5802, -91.5574

Details

The Hex color **6D44DD** 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 **B4DD44**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **A977FF**, and **2A10A5** is the 20% darker color. If you saturate the color by 10%, you get **5D2EDD**, and if you desaturate by 10%, it is **7D5ADD**.

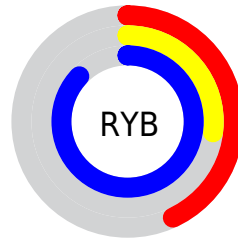
Distribution



Red (43%)

Green (27%)

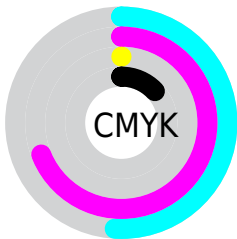
Blue (87%)



Red (43%)

Yellow (27%)

Blue (87%)

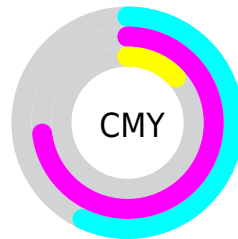


Cyan (51%)

Magenta (69%)

Yellow (0%)

Black (13%)



Cyan (57%)

Magenta (73%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D44DD 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 6D44DD by changing the saturation by 10% instead.

6D44DD

6D44DD

FFFFFF

4E2BC0

A977FF

2A10A5

C792FF

000089

E5ADFF

00006F

FFC9FF

000056

FFE5FF

00063D

000327

000110

000000

■ 6D44DD

■ 6D44DD

■ 5D2EDD

■ 7D5ADD

■ 4D18DD

■ 8D70DD

■ 3C02DD

■ 9E86DD

■ 3B00DD

■ AE9CDD

■ BEB3DD

■ CEC9DD

■ DEDFDD

■ EEF5DD

■ FFFFDD

Harmonies

Analogous

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



006AFB



6D44DD



C300A0

Triad

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



6D44DD



A74700



007F73

Complementary

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



6D44DD



B4DD44

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.



007C21



6D44DD



6B6600

Square

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



6D44DD



D0000A



007600



0080BC

Rectangle

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



6D44DD



DA006F



007600



007F59

Sweetspot

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



6D44DD



D8C9FF



44B4DD



686080



000000



808080

Same Dimension

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



6D44DD



642BFF



B944DD



66636E



2E00AD



0C002E

Inverse Universe

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



DD44B4



FF2BC6



68DD44



6E636B



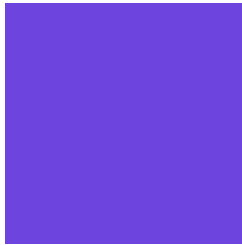
AD007F



2E0022

Previews

White Background



This preview shows how the Hex color 6D44DD 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

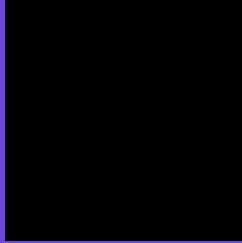
Any Text WCAG AA × Fail

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 6D44DD Background



This preview shows how black text looks on a background with the Hex color 6D44DD.

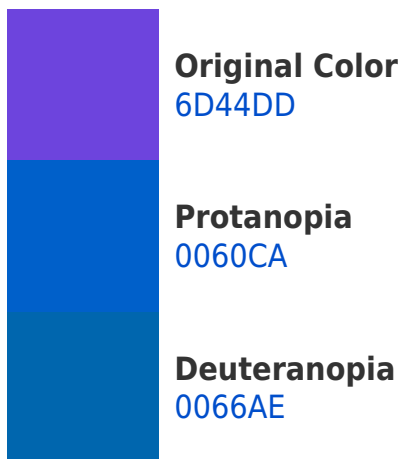


This preview shows how white text looks on a background with the Hex color 6D44DD.

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](#).

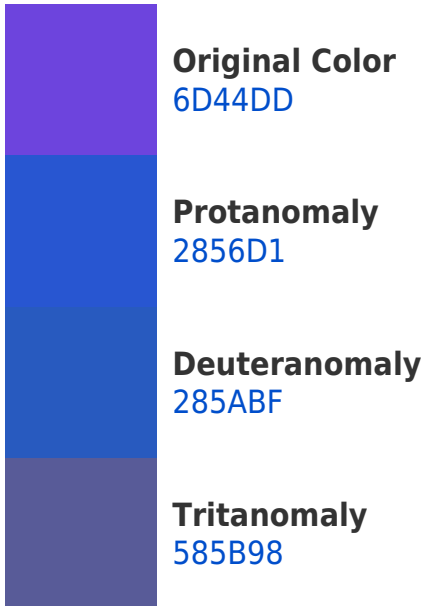
Dichromacy



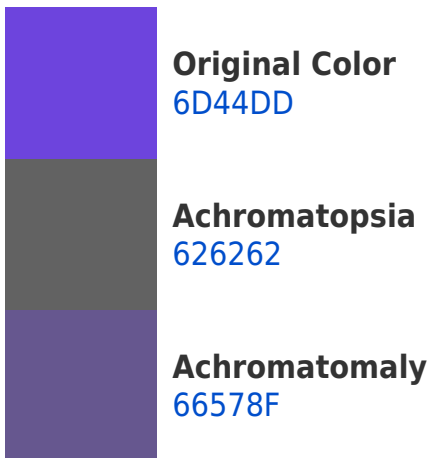


Tritanopia
4C6870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D44DD 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 #6D44DD looks like.

```
.text, #text, p{  
    color:#6D44DD  
}
```

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 #6D44DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D44DD
}
```

Border

The CSS property to change the border of an element to Hex 6D44DD 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
#6D44DD }
```

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

```
.border{ border-color:#6D44DD }
```

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

Here you see how a box with a 4 pixel #6D44DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D44DD; -webkit-box-shadow:4px 4px  
4px 4px #6D44DD; box-shadow:4px 4px 4px  
4px #6D44DD }
```

Background

The CSS property to change the background color of an element to Hex 6D44DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D44DD }
```

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

```
.background{ background-color:#6D44DD }
```

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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