

Converting Colors

Hex(6D00BA)

Have a look what the booklet for
Hex(6D00BA) contains.

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Color

Hex(6D00BA)

Conversions

Conversions Part 1

Format	Color
Hex	6D00BA
RGB	109, 0, 186
RGB Percent	43%, 0%, 73%
CMY	0.5725, 1.0000, 0.2706
CMYK	0.41, 1.00, 0.00, 0.27
HSL	275°, 100%, 36%
HSV	275°, 100%, 73%
XYZ	15.1696, 6.7964, 46.9667
YIQ	53.7950, 5.2580, 80.9540

Conversions

Conversions Part 2

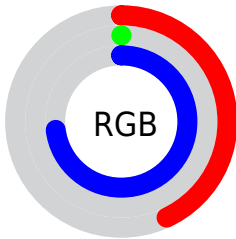
Format	Color
R_{YB}	109, 0, 186
Decimal	7143610
CIE Lab	31.34, 67.17, -69.50
CIE LCh	31, 96.651, 314.025
Yxy	6.7964, 0.2201, 0.0986
Android (android.graphics.Color)	4285333690 (0xFF6D00BA)
YUV	53.7950, 65.1771, 48.4148
Hunter-Lab	26.0699, 58.2438, -88.5661

Details

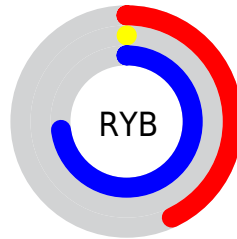
The Hex color **6D00BA** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **4DBA00**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **A849F3**, and **2F0083** is the 20% darker color. If you saturate the color by 10%, you get **6D00BA**, and if you desaturate by 10%, it is **7513BA**.

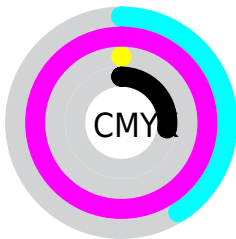
Distribution



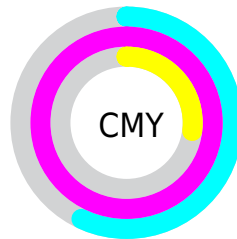
- Red (43%)
- Green (0%)
- Blue (73%)



- Red (43%)
- Yellow (0%)
- Blue (73%)



- Cyan (41%)
- Magenta (100%)
- Yellow (0%)
- Black (27%)



- Cyan (57%)
- Magenta (100%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D00BA 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 6D00BA by changing the saturation by 10% instead.

 6D00BA

 6D00BA

FFFFFF

 4F009E

 A849F3

 2F0083

 C565FF

 050069

 E380FF

 000050


 FF9CFF

 000538

 FFB9FF

 000221

 FFD6FF

 000007

 FFF3FF

 000000

 6D00BA

 7513BA

 7C25BA

 8438BA

 8C4ABA

 935DBA

 9B70BA

 A382BA

 AB95BA

 B2A7BA

Harmonies

Analogous

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



004BE3



6D00BA



B40076

Triad

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



6D00BA



7B3600



00636D

Complementary

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



6D00BA



4DBA00

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.



00611B



6D00BA



395200

Square

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



6D00BA



AA0000



005D00



0064B5

Rectangle

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



6D00BA



C10044



005D00



006253

Sweetspot

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



6D00BA



D4AAF2



004EBA



684E7A



FAFAFA



7A7A7A

Same Dimension

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



6D00BA



8E00F2



BA00AB



58535C



5B009C



10001C

Inverse Universe

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



BA004D



F20064



00BA0F



5C5356



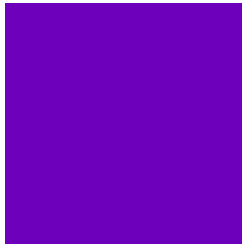
9C0040



1C000C

Previews

White Background



This preview shows how the Hex color 6D00BA looks on a white background.

Color Contrast Check

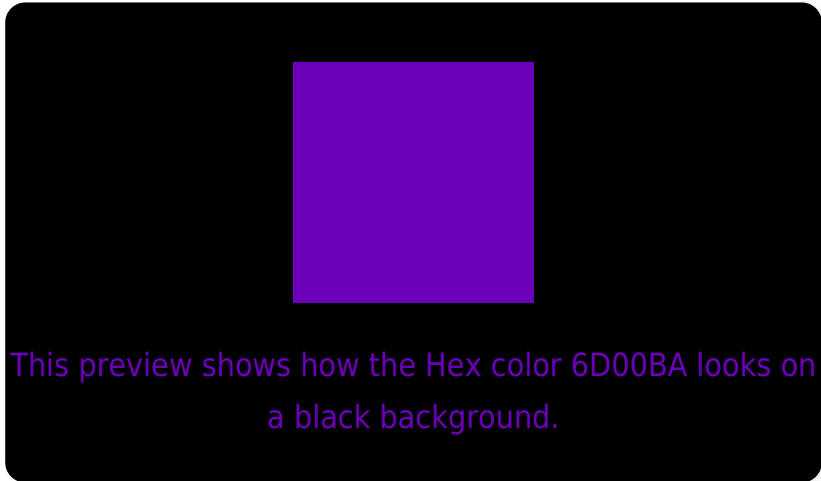
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

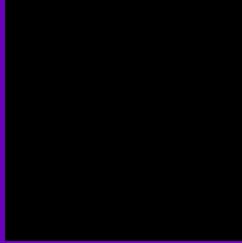
Any Text WCAG AA × Fail

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 6D00BA Background



This preview shows how black text looks on a background with the Hex color 6D00BA.



This preview shows how white text looks on a background with the Hex color 6D00BA.

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



Original Color
6D00BA

Protanopia
004A9B

Deuteranopia
004E85



Tritanopia
55494E

Trichromacy



Original Color
6D00BA



Protanomaly
282FA6



Deuteranomaly
283298



Tritanomaly
5E2E75

Monochromacy



Original Color
6D00BA



Achromatopsia
363636



Achromatomaly
4A2266

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D00BA 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 #6D00BA looks like.

```
.text, #text, p{  
    color:#6D00BA  
}
```

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 #6D00BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D00BA
}
```

Border

The CSS property to change the border of an element to Hex 6D00BA is called "border". The border property can be set on classes, ids or directly on the HTML element.

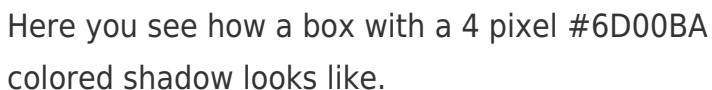
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D00BA }
```

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

```
.border{ border-color:#6D00BA }
```

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



Here you see how a box with a 4 pixel #6D00BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D00BA; -webkit-box-shadow:4px 4px  
4px 4px #6D00BA; box-shadow:4px 4px 4px  
4px #6D00BA }
```

Background

The CSS property to change the background color of an element to Hex 6D00BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D00BA }
```

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

```
.background{ background-color:#6D00BA }
```

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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