

# Converting Colors

Hex(6700A2)

Have a look what the booklet for  
Hex(6700A2) contains.

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**Color**

**Hex(6700A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6700A2
RGB	103, 0, 162
RGB Percent	40%, 0%, 64%
CMY	0.5961, 1.0000, 0.3647
CMYK	0.36, 1.00, 0.00, 0.36
HSL	278°, 100%, 32%
HSV	278°, 100%, 64%
XYZ	12.1151, 5.4922, 34.6040
YIQ	49.2650, 9.3860, 72.2180

# Conversions

## Conversions Part 2

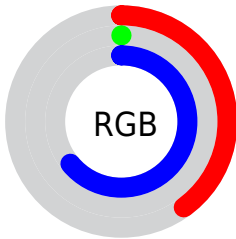
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 0, 162
Decimal	6750370
CIE <sub>Lab</sub>	28.09, 61.57, -60.46
CIE <sub>LCh</sub>	28, 86.296, 315.522
Yxy	5.4922, 0.2320, 0.1052
Android (android.graphics.Color)	4284940450 (0xFF6700A2)
YUV	49.2650, 55.5784, 47.1256
Hunter-Lab	23.4354, 51.2647, -71.1408

# Details

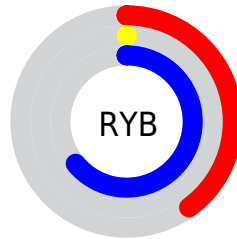
The Hex color **6700A2** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3BA200**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **A046DA**, and **2D006D** is the 20% darker color. If you saturate the color by 10%, you get **6700A2**, and if you desaturate by 10%, it is **6D10A2**.

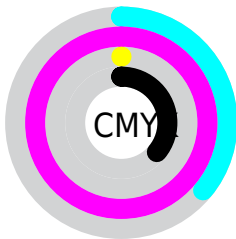
# Distribution



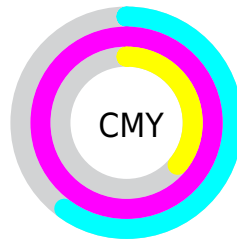
- Red (40%)
- Green (0%)
- Blue (64%)



- Red (40%)
- Yellow (0%)
- Blue (64%)



- Cyan (36%)
- Magenta (100%)
- Yellow (0%)
- Black (36%)



- Cyan (60%)
- Magenta (100%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6700A2 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 6700A2 by changing the saturation by 10% instead.



 6700A2

 6700A2

FFFFFF

 4A0087

 A046DA

 2D006D

 BD61F7

 0C0054

 DA7CFF

 00003B

 F898FF

 000225

 FFB4FF

 00010D

 FFD0FF

 000000

 FFEDFF

 6700A2

 6D10A2

 7320A2

 7931A2

 7F41A2

 8551A2

 8A61A2

 9071A2

 9682A2

 9C92A2

# Harmonies

## Analogous

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



0042C7



6700A2



A10065

# Triad

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



6700A2



6C3300



005965

# Complementary

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



6700A2



3BA200

# 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.



00571D



6700A2



314A00

# Square

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



6700A2



960000



005300



005AA3

# Rectangle

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



6700A2



AC003A



005300



00584E



# Sweetspot

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



6700A2



BD94D4



003BA2



5D456B



EBEBEB



6B6B6B



# Same Dimension

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



6700A2



8700D4



A2008C



4F4952



5C0091



0B0012



# Inverse Universe

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



A2003B



D4004D



00A216



52494C



910035



120007



# Previews

## White Background



This preview shows how the Hex color 6700A2 looks on a white background.

## Color Contrast Check

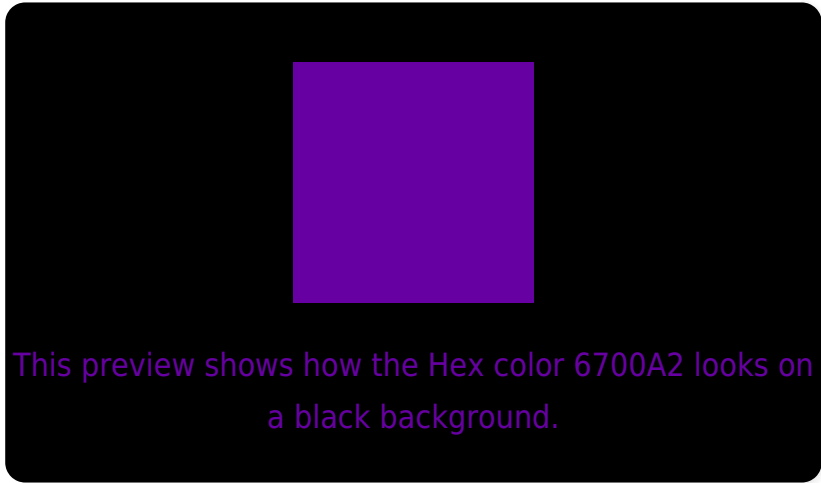
Large Text (above 18pt) WCAG AA ✓ Pass

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

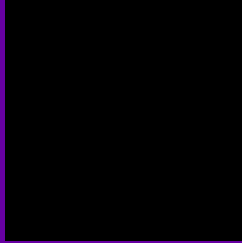
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6700A2 Background



This preview shows how black text looks on a background with the Hex color 6700A2.

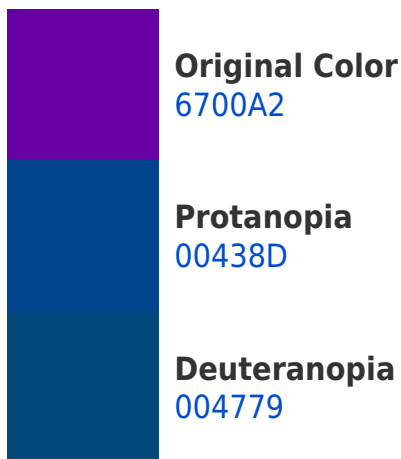



This preview shows how white text looks on a background with the Hex color 6700A2.

# 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**  
553F44

# Trichromacy



**Original Color**  
6700A2



**Protanomaly**  
252B95



**Deuteranomaly**  
252D88



**Tritanomaly**  
5C2866

# Monochromacy



**Original Color**  
6700A2



**Achromatopsia**  
313131



**Achromatomaly**  
451F5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6700A2 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 #6700A2 looks like.

```
.text, #text, p{  
  color:#6700A2  
}
```

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 #6700A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6700A2
}
```

## Border

The CSS property to change the border of an element to Hex 6700A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

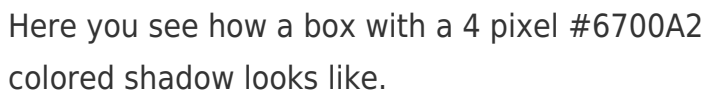
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6700A2 }
```

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

```
.border{ border-color:#6700A2 }
```

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



Here you see how a box with a 4 pixel #6700A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6700A2; -webkit-box-shadow:4px 4px  
4px 4px #6700A2; box-shadow:4px 4px 4px  
4px #6700A2 }
```

# Background

The CSS property to change the background color of an element to Hex 6700A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6700A2 }
```

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

```
.background{ background-color:#6700A2 }
```

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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