

Converting Colors

Hex(6E00B0)

Have a look what the booklet for
Hex(6E00B0) contains.

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Color

Hex(6E00B0)

Conversions

Conversions Part 1

Format	Color
Hex	6E00B0
RGB	110, 0, 176
RGB Percent	43%, 0%, 69%
CMY	0.5686, 1.0000, 0.3098
CMYK	0.37, 1.00, 0.00, 0.31
HSL	278°, 100%, 35%
HSV	278°, 100%, 69%
XYZ	14.2669, 6.4496, 41.5672
YIQ	52.9540, 9.0640, 78.0560

Conversions

Conversions Part 2

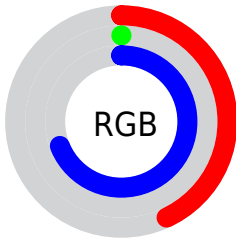
Format	Color
R_{YB}	110, 0, 176
Decimal	7209136
CIE _{Lab}	30.52, 65.21, -64.88
CIE _{LCh}	31, 91.988, 315.145
Yxy	6.4496, 0.2291, 0.1036
Android (android.graphics.Color)	4285399216 (0xFF6E00B0)
YUV	52.9540, 60.6617, 50.0293
Hunter-Lab	25.3960, 55.8339, -79.2663

Details

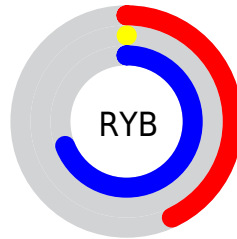
The Hex color **6E00B0** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **42B000**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **A848E9**, and **32007A** is the 20% darker color. If you saturate the color by 10%, you get **6E00B0**, and if you desaturate by 10%, it is **7512B0**.

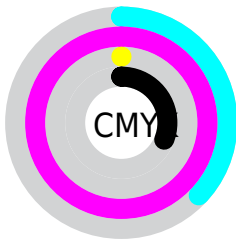
Distribution



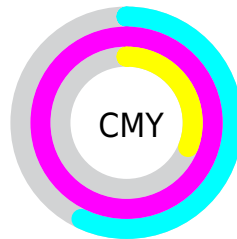
- Red (43%)
- Green (0%)
- Blue (69%)



- Red (43%)
- Yellow (0%)
- Blue (69%)



- Cyan (37%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (57%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E00B0 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 6E00B0 by changing the saturation by 10% instead.

 6E00B0

 6E00B0

FFFFFF

 510095

 A848E9

 32007A

 C564FF

 130060

 E380FF

 000047

 FF9BFF

 000430

 FFB8FF

 00011A

 FFD4FF

 000000

 FFF2FF

 6E00B0

 7512B0

 7B23B0

 8235B0

 8846B0

 8F58B0

 966AB0

 9C7BB0

 A38DB0

 A99EB0

Harmonies

Analogous

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



0048D8



6E00B0



AE006F

Triad

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



6E00B0



753700



00606C

Complementary

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



6E00B0



42B000

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.



005E1F



6E00B0



365000

Square

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



6E00B0



A20000



005A00



0061AF

Rectangle

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



6E00B0



BA0040



005A00



005F53

Sweetspot

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



6E00B0



CCA1E6



0043B0



634973



F2F2F2



737373

Same Dimension

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



6E00B0



8F00E6



B0009B



565059



600099



10001A

Inverse Universe

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



B00042



E60056



00B015



595054



990039



1A000A

Previews

White Background



This preview shows how the Hex color 6E00B0 looks on a white background.

Color Contrast Check

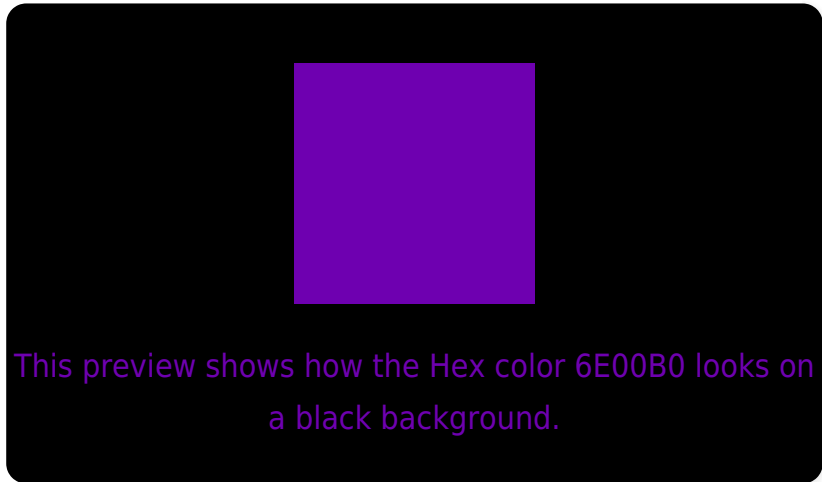
Large Text (above 18pt) WCAG AA ✓ Pass

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

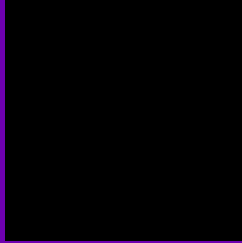
Any Text WCAG AA × Fail

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 6E00B0 Background



This preview shows how black text looks on a background with the Hex color 6E00B0.

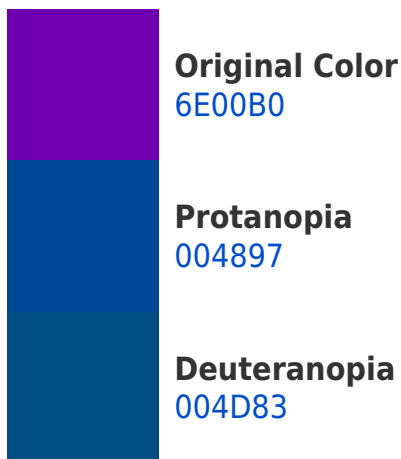



This preview shows how white text looks on a background with the Hex color 6E00B0.

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
5A454A

Trichromacy



Original Color
6E00B0



Protanomaly
282EA0



Deuteranomaly
283193



Tritanomaly
612C6F

Monochromacy



Original Color
6E00B0



Achromatopsia
353535



Achromatomaly
4A2262

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E00B0 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 #6E00B0 looks like.

```
.text, #text, p{  
    color:#6E00B0  
}
```

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 #6E00B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E00B0
}
```

Border

The CSS property to change the border of an element to Hex 6E00B0 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
#6E00B0 }
```

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

```
.border{ border-color:#6E00B0 }
```

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

Here you see how a box with a 4 pixel #6E00B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E00B0; -webkit-box-shadow:4px 4px  
4px 4px #6E00B0; box-shadow:4px 4px 4px  
4px #6E00B0 }
```

Background

The CSS property to change the background color of an element to Hex 6E00B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E00B0 }
```

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

```
.background{ background-color:#6E00B0 }
```

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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