

Converting Colors

Hex(6E00BC)

Have a look what the booklet for
Hex(6E00BC) contains.

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Color

Hex(6E00BC)

Conversions

Conversions Part 1

Format	Color
Hex	6E00BC
RGB	110, 0, 188
RGB Percent	43%, 0%, 74%
CMY	0.5686, 1.0000, 0.2627
CMYK	0.41, 1.00, 0.00, 0.26
HSL	275°, 100%, 37%
HSV	275°, 100%, 74%
XYZ	15.5075, 6.9458, 48.1003
YIQ	54.3220, 5.2120, 81.7880

Conversions

Conversions Part 2

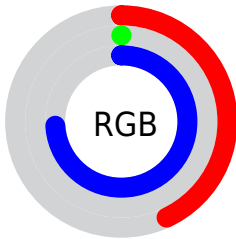
Format	Color
R_{YB}	110, 0, 188
Decimal	7209148
CIE _{Lab}	31.68, 67.68, -70.11
CIE _{LCh}	32, 97.449, 313.992
Yxy	6.9458, 0.2198, 0.0984
Android (android.graphics.Color)	4285399228 (0xFF6E00BC)
YUV	54.3220, 65.9033, 48.8296
Hunter-Lab	26.3550, 58.9099, -89.7614

Details

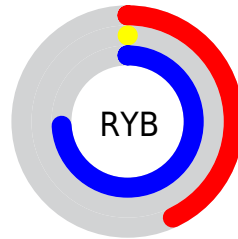
The Hex color **6E00BC** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **4EBC00**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **A949F5**, and **300085** is the 20% darker color. If you saturate the color by 10%, you get **6E00BC**, and if you desaturate by 10%, it is **7613BC**.

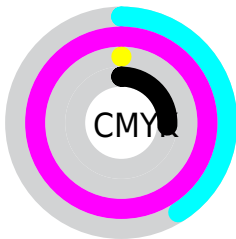
Distribution



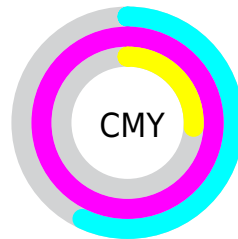
- Red (43%)
- Green (0%)
- Blue (74%)



- Red (43%)
- Yellow (0%)
- Blue (74%)



- Cyan (41%)
- Magenta (100%)
- Yellow (0%)
- Black (26%)



- Cyan (57%)
- Magenta (100%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E00BC 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 6E00BC by changing the saturation by 10% instead.

 6E00BC

 6E00BC

FFFFFF

 5000A0

 A949F5

 300085

 C765FF

 05006B


 E581FF

 000052

 FF9DFF

 000539


 FFB9FF

 000223

 FFD6FF

 00000A

 FFF3FF

 000000

 6E00BC

 7613BC

 7E26BC

 8538BC

 8D4BBC

 955EBC

 9D71BC

 A584BC

 AC96BC

 B4A9BC

Harmonies

Analogous

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



004CE5



6E00BC



B60077

Triad

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



6E00BC



7C3700



00646E

Complementary

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



6E00BC



4EBC00

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.



00621B



6E00BC



3A5300

Square

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



6E00BC



AB0000



005E00



0065B7

Rectangle

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



6E00BC



C30045



005E00



006354

Sweetspot

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



6E00BC



D6ABF5



004EBC



684E7A



FAFAFA



7A7A7A

Same Dimension

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



6E00BC



8F00F5



BC00AC



5A555E



5D009E



12001F

Inverse Universe

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



BC004E



F50066



00BC10



5E5559



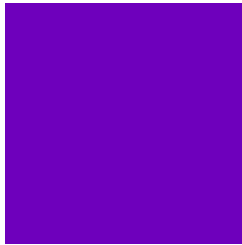
9E0042



1F000D

Previews

White Background



This preview shows how the Hex color 6E00BC looks on a white background.

Color Contrast Check

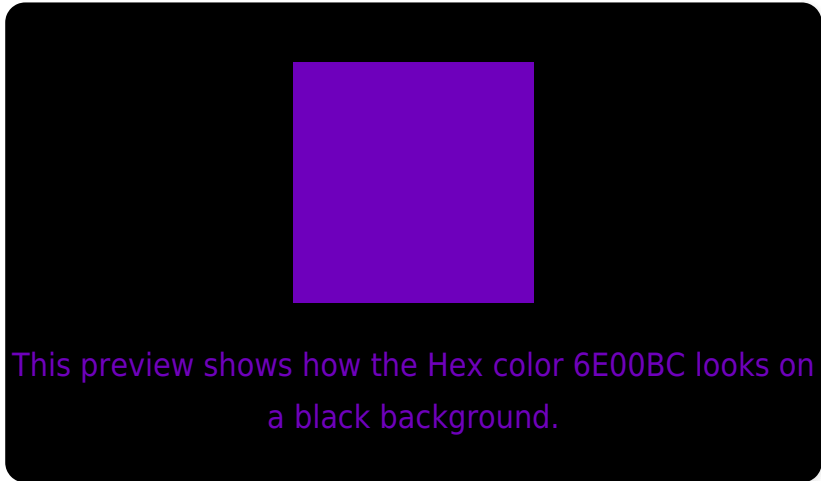
Large Text (above 18pt) WCAG AA ✓ Pass

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

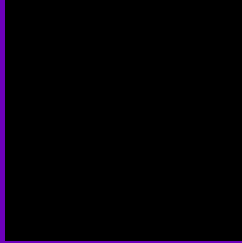
Any Text WCAG AA × Fail

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 6E00BC Background



This preview shows how black text looks on a background with the Hex color 6E00BC.



This preview shows how white text looks on a background with the Hex color 6E00BC.

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
6E00BC

Protanopia
004A9C

Deuteranopia
004F86



Tritanopia
56494F

Trichromacy



Original Color
6E00BC



Protanomaly
282FA8



Deuteranomaly
28329A



Tritanomaly
5F2E77

Monochromacy



Original Color
6E00BC



Achromatopsia
363636



Achromatomaly
4A2267

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E00BC 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 #6E00BC looks like.

```
.text, #text, p{  
    color:#6E00BC  
}
```

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 #6E00BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E00BC
}
```

Border

The CSS property to change the border of an element to Hex 6E00BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

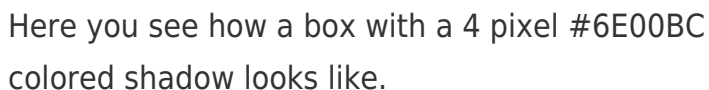
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E00BC }
```

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

```
.border{ border-color:#6E00BC }
```

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



Here you see how a box with a 4 pixel #6E00BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E00BC; -webkit-box-shadow:4px 4px  
4px 4px #6E00BC; box-shadow:4px 4px 4px  
4px #6E00BC }
```

Background

The CSS property to change the background color of an element to Hex 6E00BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E00BC }
```

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

```
.background{ background-color:#6E00BC }
```

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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