

Converting Colors

Hex(6700BE)

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

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Color

Hex(6700BE)

Conversions

Conversions Part 1

Format	Color
Hex	6700BE
RGB	103, 0, 190
RGB Percent	40%, 0%, 75%
CMY	0.5961, 1.0000, 0.2549
CMYK	0.46, 1.00, 0.00, 0.25
HSL	273°, 100%, 37%
HSV	273°, 100%, 75%
XYZ	14.8878, 6.6013, 49.2047
YIQ	52.4570, 0.3980, 80.9260

Conversions

Conversions Part 2

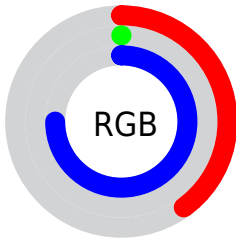
Format	Color
R_YB	103, 0, 190
Decimal	6750398
CIE _{Lab}	30.88, 67.45, -72.65
CIE _{LCh}	31, 99.133, 312.876
Yxy	6.6013, 0.2106, 0.0934
Android (android.graphics.Color)	4284940478 (0xFF6700BE)
YUV	52.4570, 67.8087, 44.3262
Hunter-Lab	25.6929, 58.4693, -95.5616

Details

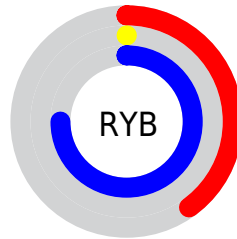
The Hex color **6700BE** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **57BE00**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **A348F8**, and **250087** is the 20% darker color. If you saturate the color by 10%, you get **6700BE**, and if you desaturate by 10%, it is **7013BE**.

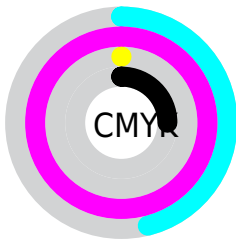
Distribution



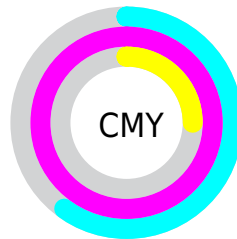
- Red (40%)
- Green (0%)
- Blue (75%)



- Red (40%)
- Yellow (0%)
- Blue (75%)



- Cyan (46%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (60%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 6700BE

 6700BE

FFFFFF

 4800A2


 A348F8

 250087

 C064FF

 00006D

 DE80FF

 000053

 FD9BFF

 00063B

 FFB8FF

 000224

 FFD5FF

 00000C

 FFF2FF

 000000

 6700BE

 7013BE

 7826BE

 8139BE

 8A4CBE

 935FBE

 9B72BE

 A485BE

 AD98BE

 B5ABBE

Harmonies

Analogous

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



004CE7



6700BE



B30078

Triad

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



6700BE



7C3300



00626A

Complementary

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



6700BE



57BE00

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.



005F14



6700BE



3A5000

Square

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



6700BE



AB0000



005C00



0064B4

Rectangle

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



6700BE



C20046



005C00



00614F

Sweetspot

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



6700BE



D5ADF7



0059BE



68507D



FCFCFC



7D7D7D

Same Dimension

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



6700BE



8600F7



BE00B8



5A555E



56009E



11001F

Inverse Universe

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



BE0057



F70071



00BE06



5E5559



9E0048



1F000E

Previews

White Background



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

Color Contrast Check

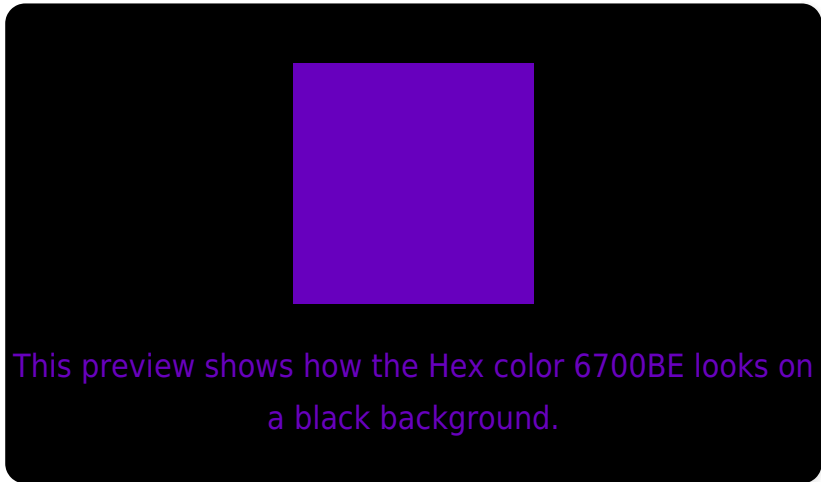
Large Text (above 18pt) WCAG AA ✓ Pass

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

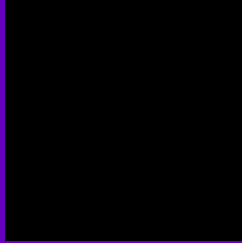
Any Text WCAG AA × Fail

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 6700BE Background



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

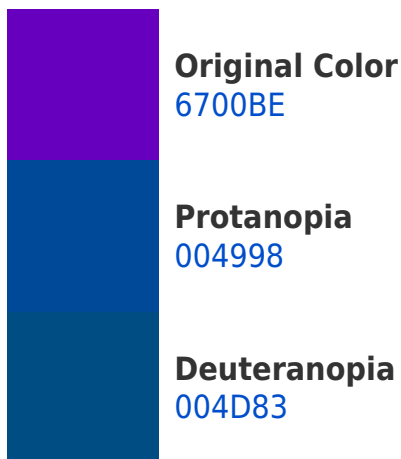



This preview shows how white text looks on a background with the Hex color 6700BE.

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
4C4A50

Trichromacy



Original Color
6700BE



Protanomaly
252EA6



Deuteranomaly
253198



Tritanomaly
562F78

Monochromacy



Original Color
6700BE



Achromatopsia
343434



Achromatomaly
472166

CSS Examples

Text

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

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

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 #6700BE colored shadow looks like.

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

Border

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

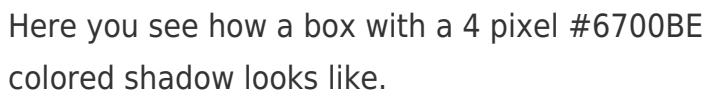
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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