

Converting Colors

Hex(B700A4)

Have a look what the booklet for
Hex(B700A4) contains.

Hex(B700A4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B700A4)

Conversions

Conversions Part 1

Format	Color
Hex	B700A4
RGB	183, 0, 164
RGB Percent	72%, 0%, 64%
CMY	0.2824, 1.0000, 0.3569
CMYK	0.00, 1.00, 0.10, 0.28
HSL	306°, 100%, 36%
HSV	306°, 100%, 72%
XYZ	26.2293, 12.7476, 36.2001
YIQ	73.4130, 56.4240, 89.8000

Conversions

Conversions Part 2

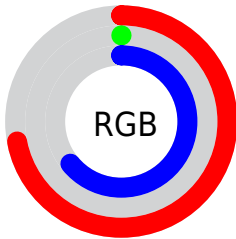
Format	Color
RYB	183, 0, 164
Decimal	11993252
CIELab	42.38, 73.89, -37.90
CIElCh	42, 83.038, 332.847
Yxy	12.7476, 0.3489, 0.1696
Android (android.graphics.Color)	4290183332 (0xFFB700A4)
YUV	73.4130, 44.6594, 96.1078
Hunter-Lab	35.7038, 68.6508, -35.1214

Details

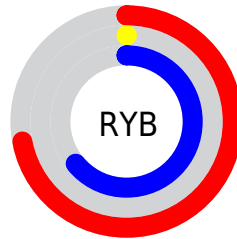
The Hex color **B700A4** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **00B713**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **F356DB**, and **7D0070** is the 20% darker color. If you saturate the color by 10%, you get **B700A4**, and if you desaturate by 10%, it is **B712A6**.

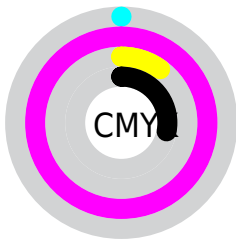
Distribution



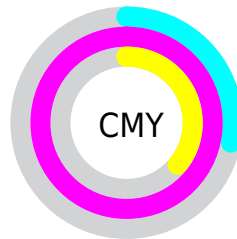
- Red (72%)
- Green (0%)
- Blue (64%)



- Red (72%)
- Yellow (0%)
- Blue (64%)



- Cyan (0%)
- Magenta (100%)
- Yellow (10%)
- Black (28%)



- Cyan (28%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B700A4 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 B700A4 by changing the saturation by 10% instead.

 B700A4

 B700A4

FFFFFF

 9A0089

 F356DB

 7D0070

 FF74F8

 610057

 FF91FF

 46003F

 FFAFFF

 2A0028

 FFC0FF

 000111

 FFEAFF

 000000

 B700A4

 B712A6

 B725A8

 B737AA

 B749AC

 B75CAE

 B76EAF

 B780B1

 B792B3

 B7A5B5

Harmonies

Analogous

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



5E4DD9



B700A4



D50061

Triad

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



B700A4



756400



007FAE

Complementary

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



B700A4



00B713

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.



007E69



B700A4



277400

Square

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



B700A4



AA4500



007B1C



007BE0

Rectangle

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



B700A4



D30035



007B1C



007F98

Sweetspot

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



B700A4



EDA6E6



1200B7



784D73



F7F7F7



787878

Same Dimension

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



B700A4



ED00D5



B70049



5C535B



9C008B



1C0019

Inverse Universe

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



B700A4



ED00D5



00B76E



5C535B



9C008B



1C0019

Previews

White Background



This preview shows how the Hex color B700A4 looks on a white background.

Color Contrast Check

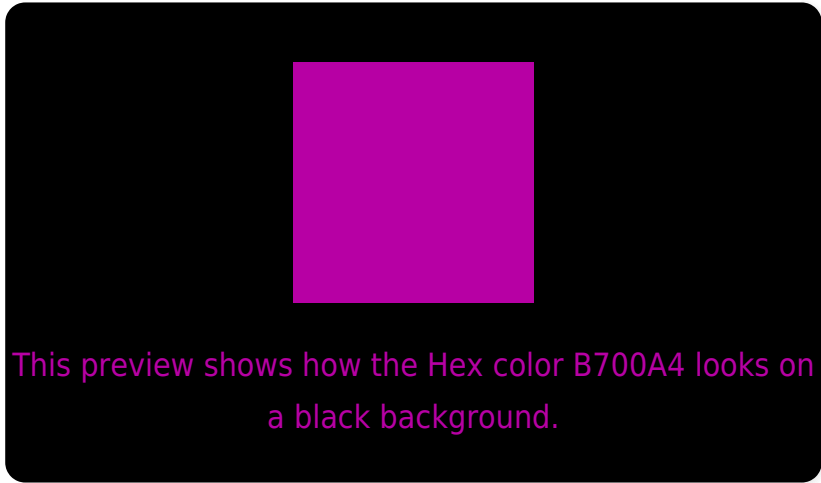
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

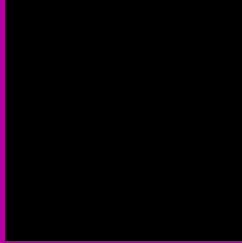
Any Text WCAG AA × Fail

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 B700A4 Background



This preview shows how black text looks on a background with the Hex color B700A4.

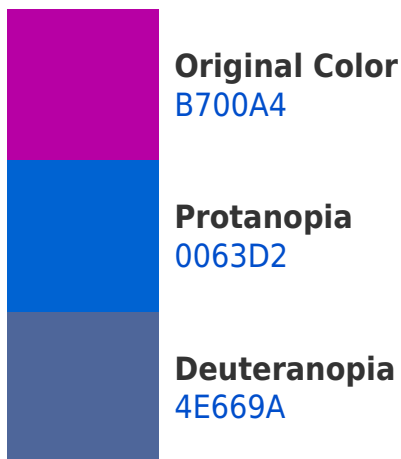


This preview shows how white text looks on a background with the Hex color B700A4.

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



Trichromacy



Original Color
B700A4



Protanomaly
433FC1



Deuteranomaly
74419E



Tritanomaly
B12967

Monochromacy



Original Color
B700A4



Achromatopsia
494949



Achromatomaly
712E6A

CSS Examples

Text

The CSS property to change the color of the text to Hex B700A4 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 #B700A4 looks like.

```
.text, #text, p{  
    color:#B700A4  
}
```

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 #B700A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B700A4
}
```

Border

The CSS property to change the border of an element to Hex B700A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

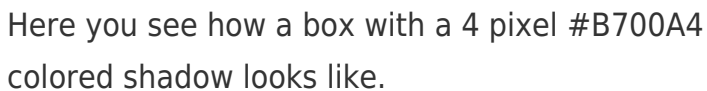
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B700A4 }
```

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

```
.border{ border-color:#B700A4 }
```

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



Here you see how a box with a 4 pixel #B700A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B700A4; -webkit-box-shadow:4px 4px  
4px 4px #B700A4; box-shadow:4px 4px 4px  
4px #B700A4 }
```

Background

The CSS property to change the background color of an element to Hex B700A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B700A4 }
```

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

```
.background{ background-color:#B700A4 }
```

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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