

Converting Colors

Hex(B0007A)

Have a look what the booklet for
Hex(B0007A) contains.

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Color

Hex(B0007A)

Conversions

Conversions Part 1

Format	Color
Hex	B0007A
RGB	176, 0, 122
RGB Percent	69%, 0%, 48%
CMY	0.3098, 1.0000, 0.5216
CMYK	0.00, 1.00, 0.31, 0.31
HSL	318°, 100%, 35%
HSV	318°, 100%, 69%
XYZ	21.4173, 10.6352, 19.3363
YIQ	66.5320, 65.7340, 75.2540

Conversions

Conversions Part 2

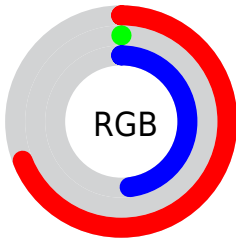
Format	Color
R_{YB}	176, 0, 122
Decimal	11534458
CIE _{Lab}	38.96, 67.37, -17.66
CIE _{LCh}	39, 69.644, 345.310
Yxy	10.6352, 0.4168, 0.2070
Android (android.graphics.Color)	4289724538 (0xFFB0007A)
YUV	66.5320, 27.3457, 96.0034
Hunter-Lab	32.6117, 60.1571, -12.3264

Details

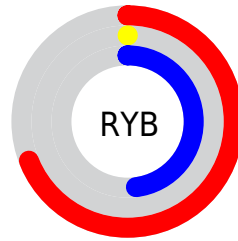
The Hex color **B0007A** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00B036**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **EC53AF**, and **760049** is the 20% darker color. If you saturate the color by 10%, you get **B0007A**, and if you desaturate by 10%, it is **B0127F**.

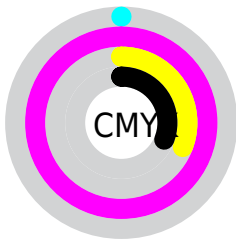
Distribution



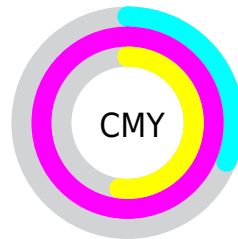
- Red (69%)
- Green (0%)
- Blue (48%)



- Red (69%)
- Yellow (0%)
- Blue (48%)



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



- Cyan (31%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0007A 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 B0007A by changing the saturation by 10% instead.

 B0007A

 B0007A

FFFFFF

 930061

 EC53AF

 760049

 FF70CA

 5A0032

 FF8DE6

 40001E

 FFA9FF

 220001

 FFC7FF

 000000

 FFE4FF

 B0007A

 B0127F

 B02385

 B0358A

 B04690

 B05895

 B06A9A

 B07BA0

 B08DA5

 B09EAB

Harmonies

Analogous

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



7F3BAD



B0007A



BB0042

Triad

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



B0007A



566200



0072AC

Complementary

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



B0007A



00B036

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.



007378



B0007A



006D00

Square

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



B0007A



874F00



00713D



006BCB

Rectangle

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



B0007A



B31F1D



00713D



00739D

Sweetspot

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



B0007A



E6A1D0



3500B0



734966



F2F2F2



737373

Same Dimension

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



B0007A



E6009F



B00023



595057



99006A



1A0012

Inverse Universe

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



B0007A



E6009F



00B08D



595057



99006A



1A0012

Previews

White Background



This preview shows how the Hex color B0007A looks on a white background.

Color Contrast Check

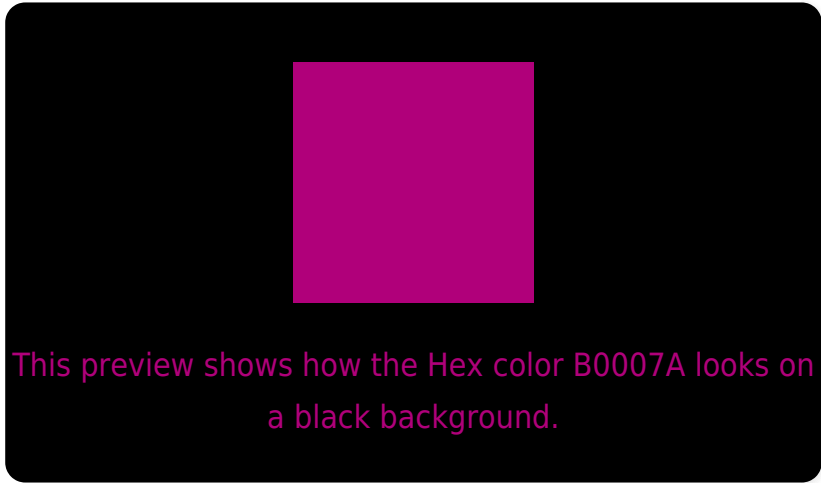
Large Text (above 18pt) WCAG AA ✓ Pass

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 B0007A Background



This preview shows how black text looks on a background with the Hex color B0007A.

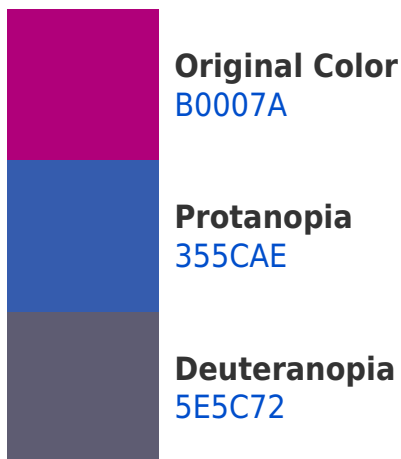


This preview shows how white text looks on a background with the Hex color B0007A.

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
B0007A



Protanomaly
623B9B



Deuteranomaly
7C3B75



Tritanomaly
AD1F4C

Monochromacy



Original Color
B0007A



Achromatopsia
434343



Achromatomaly
6B2B57

CSS Examples

Text

The CSS property to change the color of the text to Hex B0007A 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 #B0007A looks like.

```
.text, #text, p{  
    color:#B0007A  
}
```

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 #B0007A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0007A
}
```

Border

The CSS property to change the border of an element to Hex B0007A is called "border". The border property can be set on classes, ids or directly on the HTML element.

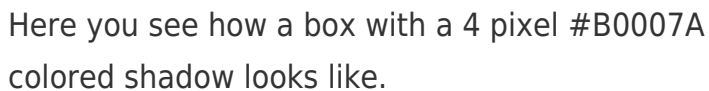
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B0007A }
```

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

```
.border{ border-color:#B0007A }
```

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



Here you see how a box with a 4 pixel #B0007A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0007A; -webkit-box-shadow:4px 4px  
4px 4px #B0007A; box-shadow:4px 4px 4px  
4px #B0007A }
```

Background

The CSS property to change the background color of an element to Hex B0007A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0007A }
```

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

```
.background{ background-color:#B0007A }
```

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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