

Converting Colors

Hex(B0007F)

Have a look what the booklet for
Hex(B0007F) contains.

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Color

Hex(B0007F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B0007F |
| RGB | 176, 0, 127 |
| RGB Percent | 69%, 0%, 50% |
| CMY | 0.3098, 1.0000, 0.5020 |
| CMYK | 0.00, 1.00, 0.28, 0.31 |
| HSL | 317°, 100%, 35% |
| HSV | 317°, 100%, 69% |
| XYZ | 21.7353, 10.7624, 21.0105 |
| YIQ | 67.1020, 64.1290, 76.8090 |

Conversions

Conversions Part 2

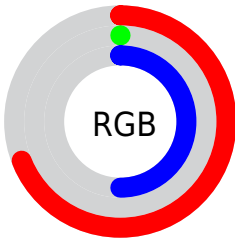
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 176, 0, 127 |
| Decimal | 11534463 |
| CIE _{Lab} | 39.18, 67.93, -20.44 |
| CIE _{LCh} | 39, 70.934, 343.253 |
| Yxy | 10.7624, 0.4062, 0.2011 |
| Android (android.graphics.Color) | 4289724543 (0xFFB0007F) |
| YUV | 67.1020, 29.5297, 95.5035 |
| Hunter-Lab | 32.8061, 60.8521, -15.0076 |

Details

The Hex color **B0007F** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **00B031**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **EC53B4**, and **76004E** is the 20% darker color. If you saturate the color by 10%, you get **B0007F**, and if you desaturate by 10%, it is **B01284**.

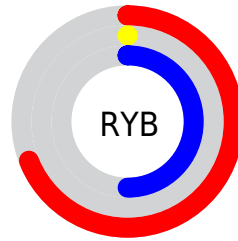
Distribution



Red (69%)

Green (0%)

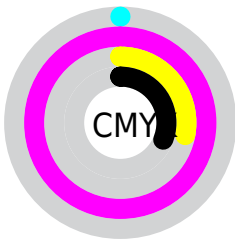
Blue (50%)



Red (69%)

Yellow (0%)

Blue (50%)

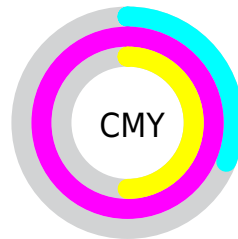


Cyan (0%)

Magenta (100%)

Yellow (28%)

Black (31%)



Cyan (31%)

Magenta (100%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0007F 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 B0007F by changing the saturation by 10% instead.

 B0007F

 B0007F

FFFFFF

 930066

 EC53B4

 76004E

 FF70D0

 5A0037

 FF8DEC

 400021

 FFAAFF

 220005

 FFC7FF

 000000

 FFE5FF

 B0007F

 B01284

 B02389

 B0358E

 B04693

 B05898

 B06A9C

 B07BA1

 B08DA6

 B09EAB

Harmonies

Analogous

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



7B3DB2



B0007F



BE0046

Triad

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



B0007F



5A6200



0073AB

Complementary

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



B0007F



00B031

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.



007475



B0007F



006D00

Square

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



B0007F



8B4D00



007238



006CCC

Rectangle

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



B0007F



B61920



007238



00749B

Sweetspot

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



B0007F



E6A1D2



2F00B0



734967



F2F2F2



737373

Same Dimension

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



B0007F



E600A6



B00029



595057



99006E



1A0012

Inverse Universe

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



B0007F



E600A6



00B087



595057



99006E



1A0012

Previews

White Background



This preview shows how the Hex color B0007F looks on a white background.

Color Contrast Check

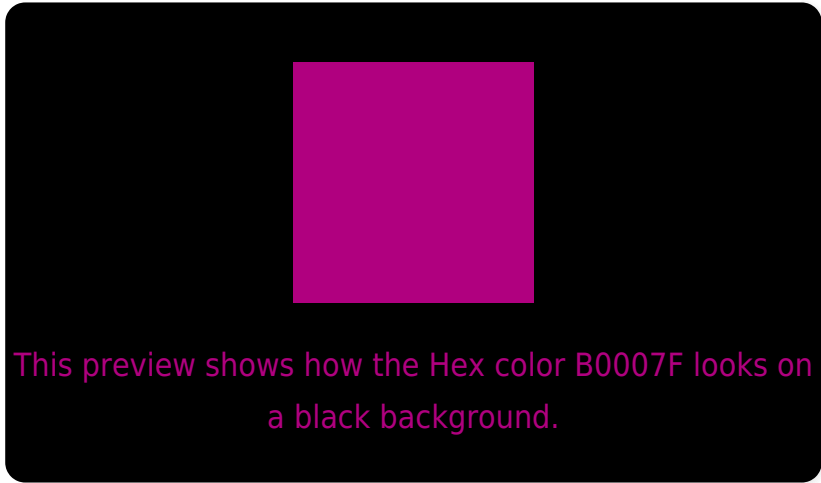
Large Text (above 18pt) WCAG AA ✓ Pass

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

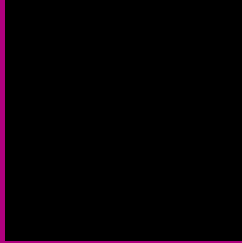
Any Text WCAG AA × Fail

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 B0007F Background



This preview shows how black text looks on a background with the Hex color B0007F.

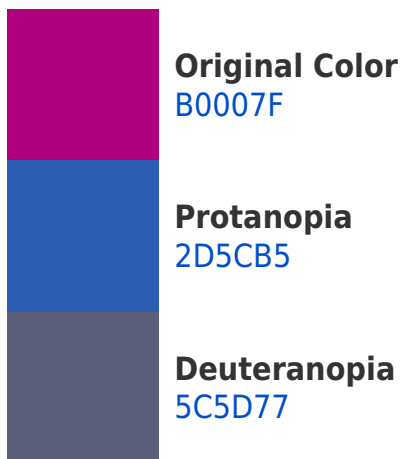


This preview shows how white text looks on a background with the Hex color B0007F.

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
B0007F



Protanomaly
5D3BA1



Deuteranomaly
7B3B7A



Tritanomaly
AD204F

Monochromacy



Original Color
B0007F



Achromatopsia
434343



Achromatomaly
6B2B59

CSS Examples

Text

The CSS property to change the color of the text to Hex B0007F 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 #B0007F looks like.

```
.text, #text, p{  
    color:#B0007F  
}
```

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 #B0007F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0007F
}
```

Border

The CSS property to change the border of an element to Hex B0007F 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
#B0007F }
```

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

```
.border{ border-color:#B0007F }
```

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

Here you see how a box with a 4 pixel #B0007F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0007F; -webkit-box-shadow:4px 4px  
4px 4px #B0007F; box-shadow:4px 4px 4px  
4px #B0007F }
```

Background

The CSS property to change the background color of an element to Hex B0007F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0007F }
```

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

```
.background{ background-color:#B0007F }
```

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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