

Converting Colors

Hex(BB007D)

Have a look what the booklet for
Hex(BB007D) contains.

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Color

Hex(BB007D)

Conversions

Conversions Part 1

Format	Color
Hex	BB007D
RGB	187, 0, 125
RGB Percent	73%, 0%, 49%
CMY	0.2667, 1.0000, 0.5098
CMYK	0.00, 1.00, 0.33, 0.27
HSL	320°, 100%, 37%
HSV	320°, 100%, 73%
XYZ	24.1952, 12.0455, 20.4518
YIQ	70.1630, 71.3270, 78.5190

Conversions

Conversions Part 2

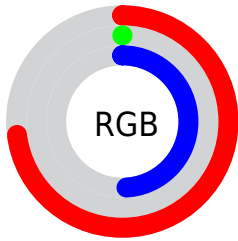
Format	Color
R_{YB}	187, 0, 125
Decimal	12255357
CIE _{Lab}	41.29, 69.95, -15.77
CIE _{LCh}	41, 71.706, 347.298
Yxy	12.0455, 0.4268, 0.2125
Android (android.graphics.Color)	4290445437 (0xFFBB007D)
YUV	70.1630, 27.0346, 102.4660
Hunter-Lab	34.7066, 63.7022, -10.6437

Details

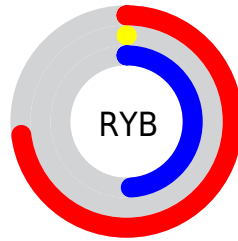
The Hex color **BB007D** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **00BB3E**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **F855B2**, and **80004C** is the 20% darker color. If you saturate the color by 10%, you get **BB007D**, and if you desaturate by 10%, it is **BB1383**.

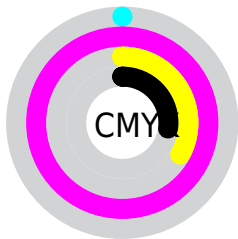
Distribution



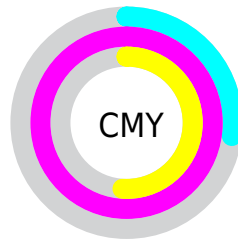
- Red (73%)
- Green (0%)
- Blue (49%)



- Red (73%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (33%)
- Black (27%)



- Cyan (27%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB007D 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 BB007D by changing the saturation by 10% instead.

 BB007D

 BB007D

FFFFFF

 9D0064

 F855B2

 80004C

 FF73CD

 630035

 FF90E9

 480020

 FFADFF

 2C0003

 FFCAFF

 000000

 FFE8FF

 BB007D

 BB1383

 BB2589

 BB3890

 BB4B96

 BB5E9C

 BB70A2

 BB83A8

 BB96AF

 BBA8B5

Harmonies

Analogous

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



8C3CB2



BB007D



C50043

Triad

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



BB007D



586900



0078B8

Complementary

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



BB007D



00BB3E

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.



007A83



BB007D



007300

Square

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



BB007D



8C5600



007845



0070D6

Rectangle

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



BB007D



BB271C



007845



0079A8

Sweetspot

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



BB007D



F2AADA



3B00BB



7A4E6C



FAFAFA



7A7A7A

Same Dimension

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



BB007D



F200A2



BB0022



5E555B



9E006A



1F0014

Inverse Universe

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



BB007D



F200A2



00BB99



5E555B



9E006A



1F0014

Previews

White Background



This preview shows how the Hex color BB007D looks on a white background.

Color Contrast Check

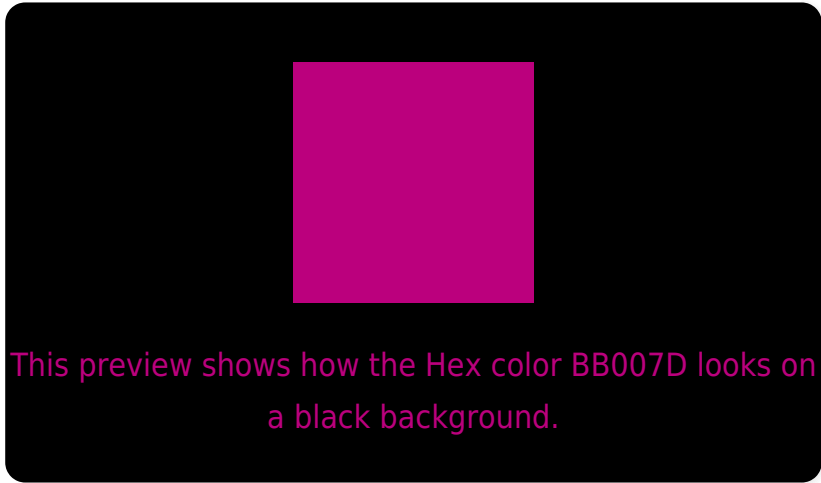
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB007D Background



This preview shows how black text looks on a background with the Hex color BB007D.

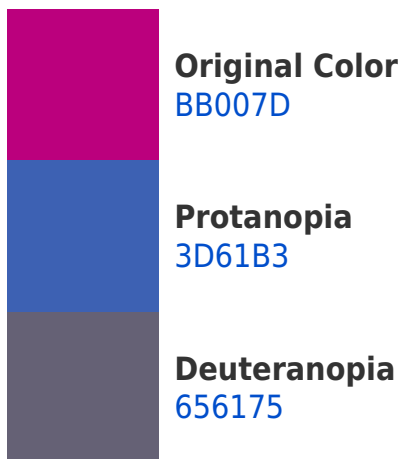


This preview shows how white text looks on a background with the Hex color BB007D.

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
BB007D



Protanomaly
6B3E9F



Deuteranomaly
843E78



Tritanomaly
B81F4E

Monochromacy



Original Color
BB007D



Achromatopsia
464646



Achromatomaly
712D5A

CSS Examples

Text

The CSS property to change the color of the text to Hex BB007D 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 #BB007D looks like.

```
.text, #text, p{  
    color:#BB007D  
}
```

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 #BB007D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB007D
}
```

Border

The CSS property to change the border of an element to Hex BB007D 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
#BB007D }
```

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

```
.border{ border-color:#BB007D }
```

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

Here you see how a box with a 4 pixel #BB007D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB007D; -webkit-box-shadow:4px 4px  
4px 4px #BB007D; box-shadow:4px 4px 4px  
4px #BB007D }
```

Background

The CSS property to change the background color of an element to Hex BB007D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB007D }
```

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

```
.background{ background-color:#BB007D }
```

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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