

# Converting Colors

Hex(B5007D)

Have a look what the booklet for  
Hex(B5007D) contains.

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**Color**

**Hex(B5007D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5007D
RGB	181, 0, 125
RGB Percent	71%, 0%, 49%
CMY	0.2902, 1.0000, 0.5098
CMYK	0.00, 1.00, 0.31, 0.29
HSL	319°, 100%, 35%
HSV	319°, 100%, 71%
XYZ	22.7577, 11.3044, 20.3845
YIQ	68.3690, 67.7510, 77.2470

# Conversions

## Conversions Part 2

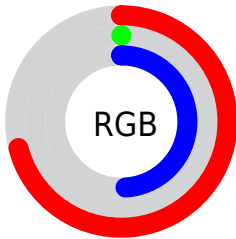
Format	Color
<b>RYB</b>	181, 0, 125
Decimal	11862141
CIELab	40.09, 68.72, -17.71
CIELCh	40, 70.964, 345.549
Yxy	11.3044, 0.4180, 0.2076
Android (android.graphics.Color)	4290052221 (0xFFB5007D)
YUV	68.3690, 27.9191, 98.7774
Hunter-Lab	33.6221, 61.9825, -12.4112

# Details

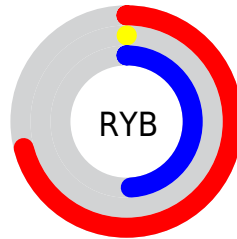
The Hex color **B5007D** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **00B538**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **F154B2**, and **7B004C** is the 20% darker color. If you saturate the color by 10%, you get **B5007D**, and if you desaturate by 10%, it is **B51283**.

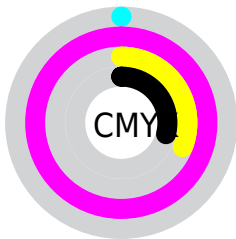
# Distribution



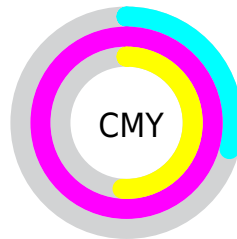
- Red (71%)
- Green (0%)
- Blue (49%)



- Red (71%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (31%)
- Black (29%)



- Cyan (29%)
- Magenta (100%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5007D 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 B5007D by changing the saturation by 10% instead.



 B5007D

 B5007D

FFFFFF

 980064

 F154B2

 7B004C

 FF71CD

 5E0035

 FF8EEA

 440020

 FFABFF

 270003

 FFC8FF

 000000

 FFE6FF

 B5007D

 B51283

 B52488

 B5368E

 B54893

 B55B99

 B56D9F

 B57FA4

 B591AA

 B5A3AF

# Harmonies

## Analogous

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



843CB1



B5007D



C00044

# Triad

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



B5007D



586500



0075B1

# Complementary

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



B5007D



00B538

# 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.



00767C



B5007D



007000

# Square

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



B5007D



8B5200



00753F



006ED0

# Rectangle

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



B5007D



B8211E



00753F



0076A1



# Sweetspot

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



B5007D



EBA4D5



3600B5



754B68



F5F5F5



757575



# Same Dimension

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



B5007D



EB00A2



B50024



595056



99006A



1A0012



# Inverse Universe

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



B5007D



EB00A2



00B591



595056



99006A



1A0012



# Previews

## White Background



This preview shows how the Hex color B5007D looks on a white background.

## Color Contrast Check

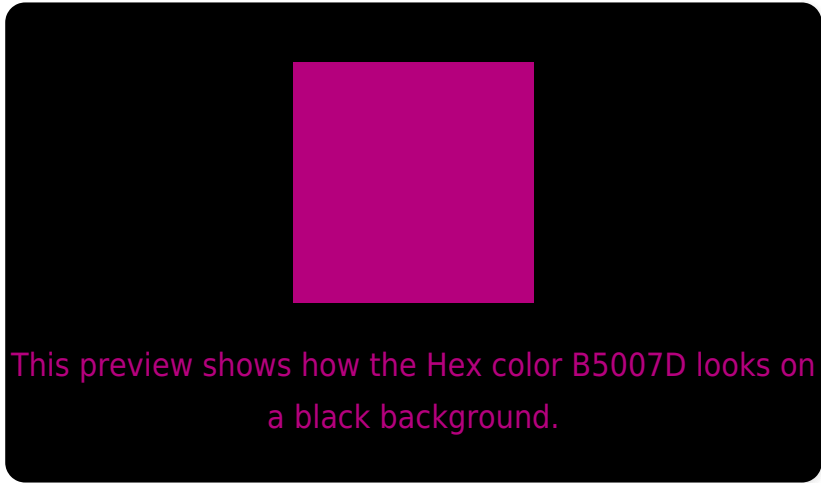
Large Text (above 18pt) WCAG AA ✓ Pass

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

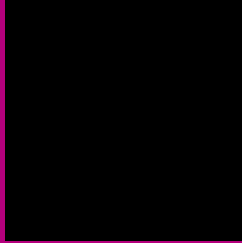
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5007D Background



This preview shows how black text looks on a background with the Hex color B5007D.

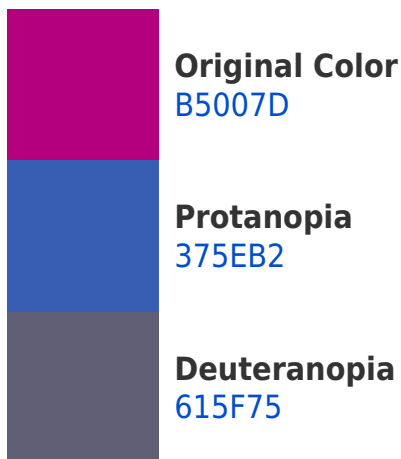


This preview shows how white text looks on a background with the Hex color B5007D.

# 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**  
B5007D



**Protanomaly**  
653C9F



**Deuteranomaly**  
803C78



**Tritanomaly**  
B21F4E

# Monochromacy



**Original Color**  
B5007D



**Achromatopsia**  
444444



**Achromatomaly**  
6D2B59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5007D 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 #B5007D looks like.

```
.text, #text, p{  
    color:#B5007D  
}
```

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 #B5007D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5007D
}
```

## Border

The CSS property to change the border of an element to Hex B5007D is called "border". The border property can be set on classes, ids or directly on the HTML element.

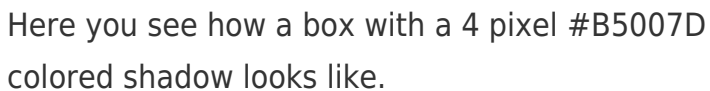
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B5007D }
```

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

```
.border{ border-color:#B5007D }
```

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



Here you see how a box with a 4 pixel #B5007D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5007D; -webkit-box-shadow:4px 4px  
4px 4px #B5007D; box-shadow:4px 4px 4px  
4px #B5007D }
```

# Background

The CSS property to change the background color of an element to Hex B5007D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5007D }
```

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

```
.background{ background-color:#B5007D }
```

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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