

Converting Colors

Hex(B7417D)

Have a look what the booklet for
Hex(B7417D) contains.

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Color

Hex(B7417D)

Conversions

Conversions Part 1

Format	Color
Hex	B7417D
RGB	183, 65, 125
RGB Percent	72%, 25%, 49%
CMY	0.2824, 0.7451, 0.5098
CMYK	0.00, 0.64, 0.32, 0.28
HSL	329°, 48%, 49%
HSV	329°, 64%, 72%
XYZ	25.1204, 15.3285, 21.0367
YIQ	107.1220, 51.0680, 43.6760

Conversions

Conversions Part 2

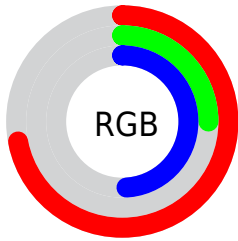
Format	Color
R_{YB}	183, 65, 125
Decimal	12009853
CIE _{Lab}	46.08, 53.28, -8.58
CIE _{LCh}	46, 53.970, 350.847
Yxy	15.3285, 0.4086, 0.2493
Android (android.graphics.Color)	4290199933 (0xFFB7417D)
YUV	107.1220, 8.8139, 66.5450
Hunter-Lab	39.1517, 46.0133, -4.4512

Details

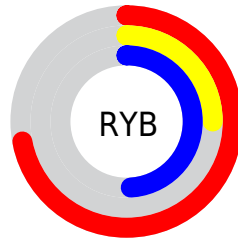
The Hex color **B7417D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **41B77B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **F278B2**, and **7E004C** is the 20% darker color. If you saturate the color by 10%, you get **B72F74**, and if you desaturate by 10%, it is **B75386**.

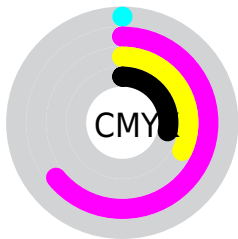
Distribution



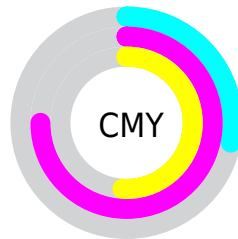
- Red (72%)
- Green (25%)
- Blue (49%)



- Red (72%)
- Yellow (25%)
- Blue (49%)



- Cyan (0%)
- Magenta (64%)
- Yellow (32%)
- Black (28%)



- Cyan (28%)
- Magenta (75%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7417D 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 B7417D by changing the saturation by 10% instead.

 B7417D

 B7417D

FFFFFF

 9A2464

 F278B2

 7E004C

 FF93CD

 620035

 FFAFE9

 470020

 FFCCFF

 2F0006

 FFE9FF

 000000

 B7417D

 B7417D

 B72F74

 B75386

 B71C6B

 B7668F

 B70A62

 B77898

 B7005D

 B78AA1

 B79CAA

 B7AFB3

 B7C1BC

 B7D3C5

 B7E6CE

Harmonies

Analogous

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



9652A7



B7417D



BD4250

Triad

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



B7417D



657404



007FB3

Complementary

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



B7417D



41B77B

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.



00828C



B7417D



287D30

Square

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



B7417D



8F6600



00815D



0076C7

Rectangle

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



B7417D



B54D34



00815D



0081A7

Sweetspot

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



B7417D



EDC0D7



7A41B7



785C6A



F7F7F7



787878

Same Dimension

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



B7417D



ED3793



B74143



5C5357



9C004F



1C000E

Inverse Universe

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



B7417D



ED3793



41B7B5



5C5357



9C004F



1C000E

Previews

White Background



This preview shows how the Hex color B7417D looks on a white background.

Color Contrast Check

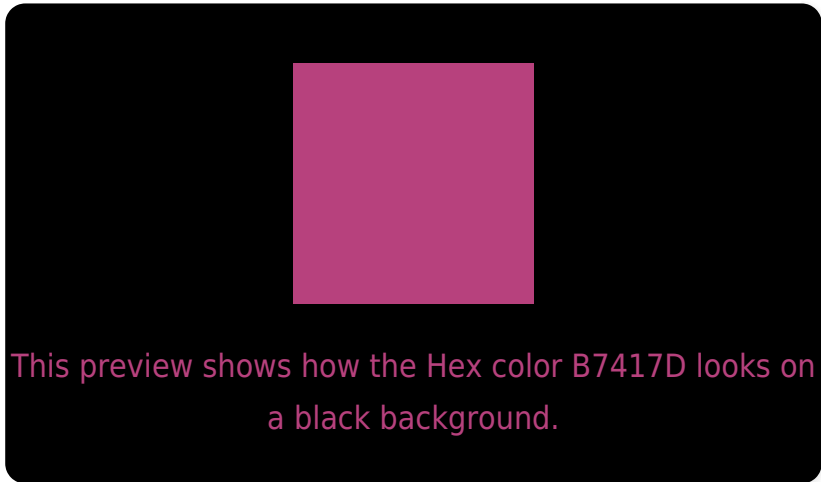
Large Text (above 18pt) WCAG AA ✓ Pass

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

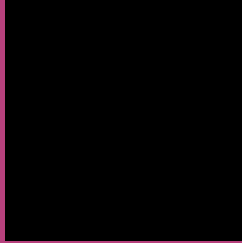
Any Text WCAG AA × Fail

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 B7417D Background



This preview shows how black text looks on a background with the Hex color B7417D.



This preview shows how white text looks on a background with the Hex color B7417D.

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



Original Color
B7417D

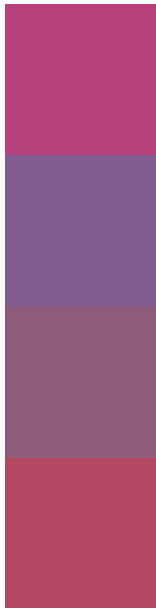
Protanopia
606C9B

Deuteranopia
746B77



Tritanopia
B34C51

Trichromacy



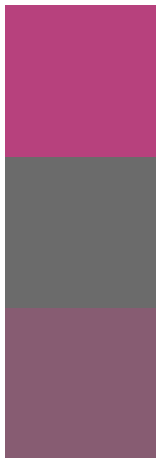
Original Color
B7417D

Protanomaly
805C90

Deuteranomaly
8C5C79

Tritanomaly
B44861

Monochromacy



Original Color
B7417D

Achromatopsia
6B6B6B

Achromatomaly
875C72

CSS Examples

Text

The CSS property to change the color of the text to Hex B7417D 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 #B7417D looks like.

```
.text, #text, p{  
  color:#B7417D  
}
```

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 #B7417D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7417D
}
```

Border

The CSS property to change the border of an element to Hex B7417D 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".

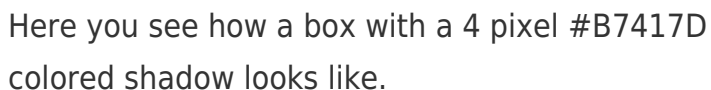
```
.border, #border, table{ border:4px solid
#B7417D }
```

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

```
.border{ border-color:#B7417D }
```

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

Here you see how a box with a 4 pixel #B7417D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7417D; -webkit-box-shadow:4px 4px  
4px 4px #B7417D; box-shadow:4px 4px 4px  
4px #B7417D }
```

Background

The CSS property to change the background color of an element to Hex B7417D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7417D }
```

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

```
.background{ background-color:#B7417D }
```

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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