

Converting Colors

Hex(BB417E)

Have a look what the booklet for
Hex(BB417E) contains.

Hex(BB417E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BB417E)

Conversions

Conversions Part 1

Format	Color
Hex	BB417E
RGB	187, 65, 126
RGB Percent	73%, 25%, 49%
CMY	0.2667, 0.7451, 0.5059
CMYK	0.00, 0.65, 0.33, 0.27
HSL	330°, 48%, 49%
HSV	330°, 65%, 73%
XYZ	26.1497, 15.8517, 21.4201
YIQ	108.4320, 53.1310, 44.8350

Conversions

Conversions Part 2

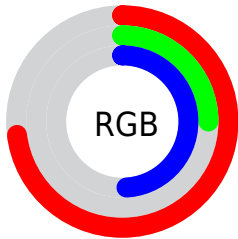
Format	Color
R_{YB}	187, 65, 126
Decimal	12271998
CIE _{Lab}	46.78, 54.60, -8.08
CIE _{LCh}	47, 55.190, 351.583
Yxy	15.8517, 0.4123, 0.2499
Android (android.graphics.Color)	4290462078 (0xFFBB417E)
YUV	108.4320, 8.6610, 68.9041
Hunter-Lab	39.8143, 47.5625, -4.0281

Details

The Hex color **BB417E** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **41BB7E**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **F678B3**, and **82004D** is the 20% darker color. If you saturate the color by 10%, you get **BB2E75**, and if you desaturate by 10%, it is **BB5487**.

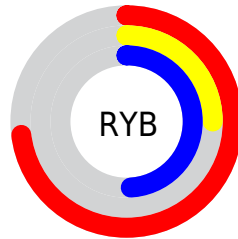
Distribution



Red (73%)

Green (25%)

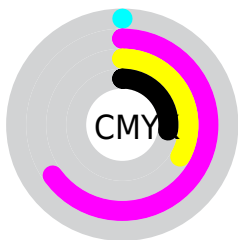
Blue (49%)



Red (73%)

Yellow (25%)

Blue (49%)

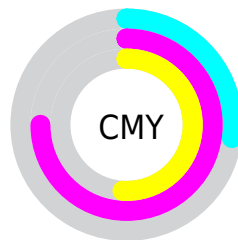


Cyan (0%)

Magenta (65%)

Yellow (33%)

Black (27%)



Cyan (27%)

Magenta (75%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB417E 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 BB417E by changing the saturation by 10% instead.

 BB417E

 BB417E

FFFFFF

 9E2365

 F678B3

 82004D

 FF94CE

 660036

 FFB0EA

 4A0021

 FFCCFF

 320008

 FFE9FF

 000000

 BB417E

 BB417E

 BB2E75

 BB5487

 BB1C6B

 BB6691

 BB0962

 BB799A

 BB005E

 BB8CA3

 BB9EAD

 BBB1B6

 BBC4BF

 BBD7C9

 BBE9D2

Harmonies

Analogous

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



9A53A9



BB417E



C14350

Triad

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



BB417E



657703



0081B7

Complementary

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



BB417E



41BB7E

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.



008490



BB417E



257F31

Square

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



BB417E



906800



008360



0078CB

Rectangle

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



BB417E



B84E33



008360



0083AC

Sweetspot

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



BB417E



F2C2DA



7E41BB



7A5D6C



FAFAFA



7A7A7A

Same Dimension

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



BB417E



F23594



BB4141



5E555A



9E004F



1F000F

Inverse Universe

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



BB417E



F23594



41BBBB



5E555A



9E004F



1F000F

Previews

White Background



This preview shows how the Hex color BB417E looks on a white background.

Color Contrast Check

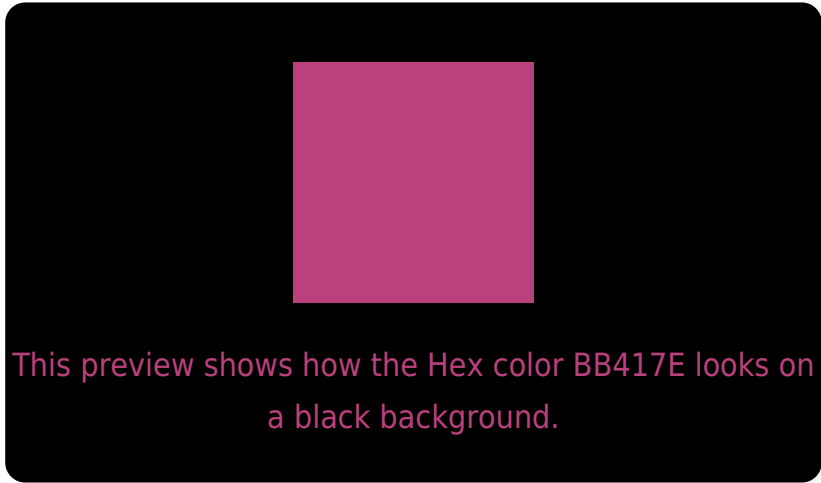
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB417E Background



This preview shows how black text looks on a background with the Hex color BB417E.

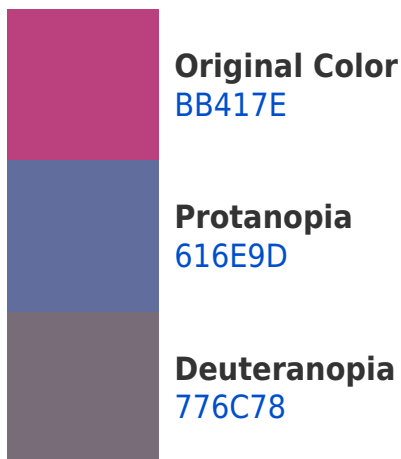


This preview shows how white text looks on a background with the Hex color BB417E.

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](#).

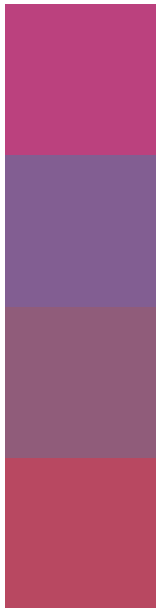
Dichromacy





Tritanopia
B74C51

Trichromacy



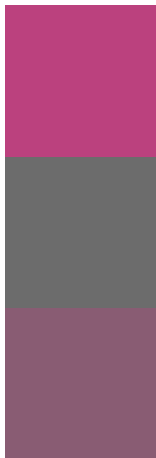
Original Color
BB417E

Protanomaly
825E92

Deuteranomaly
905C7A

Tritanomaly
B84861

Monochromacy



Original Color
BB417E

Achromatopsia
6C6C6C

Achromatomaly
895C73

CSS Examples

Text

The CSS property to change the color of the text to Hex BB417E 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 #BB417E looks like.

```
.text, #text, p{  
    color:#BB417E  
}
```

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 #BB417E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB417E
}
```

Border

The CSS property to change the border of an element to Hex BB417E is called "border". The border property can be set on classes, ids or directly on the HTML element.

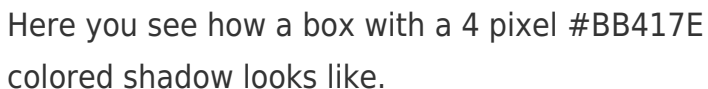
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB417E }
```

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

```
.border{ border-color:#BB417E }
```

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

A rectangular box with a 4px magenta shadow. The box is white with a thin magenta border and a magenta shadow. The shadow is visible on the right and bottom edges of the box.

Here you see how a box with a 4 pixel #BB417E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB417E; -webkit-box-shadow:4px 4px  
4px 4px #BB417E; box-shadow:4px 4px 4px  
4px #BB417E }
```

Background

The CSS property to change the background color of an element to Hex BB417E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB417E }
```

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

```
.background{ background-color:#BB417E }
```

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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