

# Converting Colors

Hex(BB4485)

Have a look what the booklet for  
Hex(BB4485) contains.

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**Color**

**Hex(BB4485)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB4485
RGB	187, 68, 133
RGB Percent	73%, 27%, 52%
CMY	0.2667, 0.7333, 0.4784
CMYK	0.00, 0.64, 0.29, 0.27
HSL	327°, 47%, 50%
HSV	327°, 64%, 73%
XYZ	26.7943, 16.3925, 23.9422
YIQ	110.9910, 50.0590, 45.4430

# Conversions

## Conversions Part 2

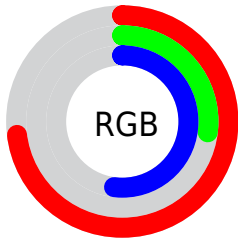
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 68, 133
Decimal	12272773
CIE <sub>Lab</sub>	47.49, 54.20, -11.26
CIE <sub>LCh</sub>	47, 55.360, 348.266
Yxy	16.3925, 0.3991, 0.2442
Android (android.graphics.Color)	4290462853 (0xFFBB4485)
YUV	110.9910, 10.8504, 66.6599
Hunter-Lab	40.4876, 47.2759, -6.7195

# Details

The Hex color **BB4485** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **44BB7A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **F67BBA**, and **820053** is the 20% darker color. If you saturate the color by 10%, you get **BB317D**, and if you desaturate by 10%, it is **BB578D**.

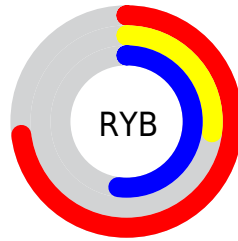
# Distribution



Red (73%)

Green (27%)

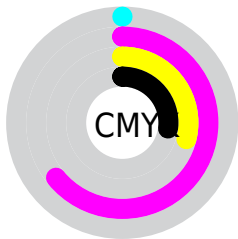
Blue (52%)



Red (73%)

Yellow (27%)

Blue (52%)

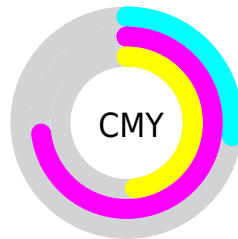


Cyan (0%)

Magenta (64%)

Yellow (29%)

Black (27%)



Cyan (27%)

Magenta (73%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB4485 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 BB4485 by changing the saturation by 10% instead.



 BB4485

 BB4485

FFFFFF

 9E276C

 F67BBA

 820053

 FF96D6

 66003C

 FFB3F2

 4B0027

 FFCFFF

 330011

 FFE0FF

 010000

 000000

 BB4485

 BB4485

 BB317D

 BB578D

 BB1F74

 BB6996

 BB0C6C

 BB7C9E

 BB0066

 BB8FA7

 BBA2AF

 BBB4B8

 BBC7C0

 BBDAC9

 BBECD1

# Harmonies

## Analogous

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



9657AF



BB4485



C44356

# Triad

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



BB4485



6C7701



0084B6

# Complementary

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



BB4485



44BB7A

# 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.



00868D



BB4485



31802E

# Square

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



BB4485



966802



00855C



007BCC

# Rectangle

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



BB4485



BC4D39



00855C



0085A9



# Sweetspot

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



BB4485



F2C4DD



7A44BB



7A5E6E



FAFAFA



7A7A7A



# Same Dimension

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



BB4485



F23A9F



BB444A



5E555A



9E0056



1F0011



# Inverse Universe

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



BB4485



F23A9F



44BBB5



5E555A



9E0056



1F0011



# Previews

## White Background



This preview shows how the Hex color BB4485 looks on a white background.

## Color Contrast Check

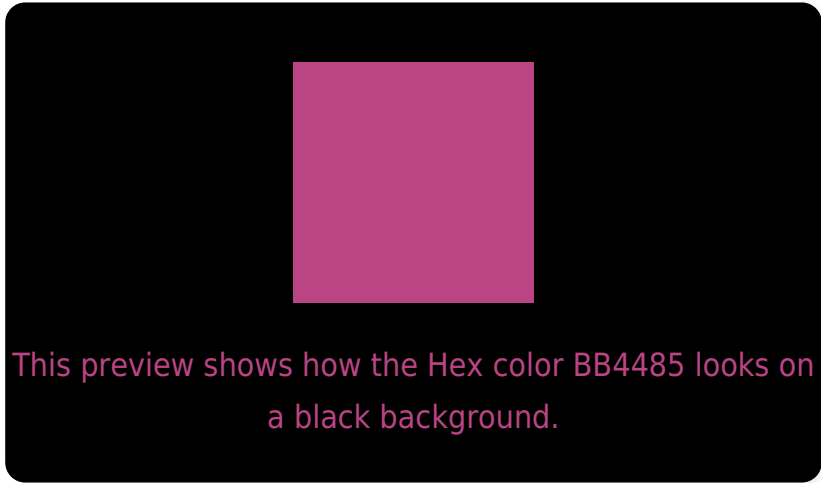
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB4485 Background



This preview shows how black text looks on a background with the Hex color BB4485.



This preview shows how white text looks on a background with the Hex color BB4485.

# 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

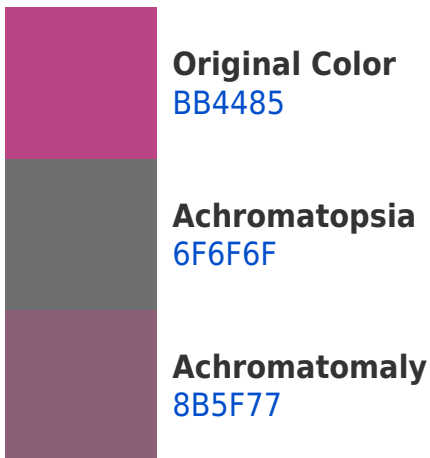




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB4485 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 #BB4485 looks like.

```
.text, #text, p{  
    color:#BB4485  
}
```

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 #BB4485 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB4485
}
```

## Border

The CSS property to change the border of an element to Hex BB4485 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
#BB4485 }
```

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

```
.border{ border-color:#BB4485 }
```

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

Here you see how a box with a 4 pixel #BB4485 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB4485; -webkit-box-shadow:4px 4px  
4px 4px #BB4485; box-shadow:4px 4px 4px  
4px #BB4485 }
```

# Background

The CSS property to change the background color of an element to Hex BB4485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB4485 }
```

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

```
.background{ background-color:#BB4485 }
```

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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