

# Converting Colors

Hex(BB4095)

Have a look what the booklet for  
Hex(BB4095) contains.

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**Color**

**Hex(BB4095)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB4095
RGB	187, 64, 149
RGB Percent	73%, 25%, 58%
CMY	0.2667, 0.7490, 0.4157
CMYK	0.00, 0.66, 0.20, 0.27
HSL	319°, 49%, 49%
HSV	319°, 66%, 73%
XYZ	27.7517, 16.4015, 30.1369
YIQ	110.4670, 46.0230, 52.5110

# Conversions

## Conversions Part 2

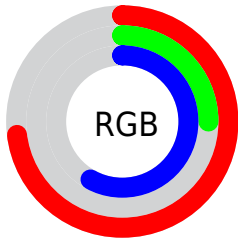
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 64, 149
Decimal	12271765
CIELab	47.50, 58.01, -20.86
CIELCh	47, 61.650, 340.221
Yxy	16.4015, 0.3736, 0.2208
Android (android.graphics.Color)	4290461845 (0xFFBB4095)
YUV	110.4670, 18.9968, 67.1194
Hunter-Lab	40.4988, 51.4440, -15.7711

# Details

The Hex color **BB4095** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **40BB66**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **F678CB**, and **820062** is the 20% darker color. If you saturate the color by 10%, you get **BB2D8F**, and if you desaturate by 10%, it is **BB539B**.

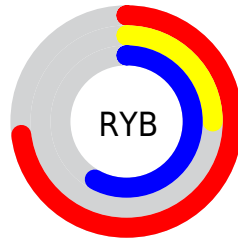
# Distribution



Red (73%)

Green (25%)

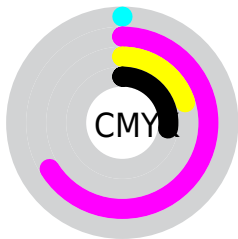
Blue (58%)



Red (73%)

Yellow (25%)

Blue (58%)

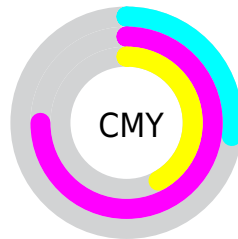


Cyan (0%)

Magenta (66%)

Yellow (20%)

Black (27%)



Cyan (27%)

Magenta (75%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB4095 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 BB4095 by changing the saturation by 10% instead.



 BB4095

 BB4095

FFFFFF

 9E217B

 F678CB

 820062

 FF94E7

 67004A

 FFB0FF

 4B0033

 FFCCFF

 33001E

 FFEAFF

 0B0000

 000000

 BB4095

 BB4095

 BB2D8F

 BB539B

 BB1B89

 BB65A1

 BB0884

 BB78A6

 BB0081

 BB8BAC

 BB9EB2

 BBB0B8

 BBC3BD

 BBD6C3

 BBE8C9

# Harmonies

## Analogous

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



885AC1



BB4095



CC3761

# Triad

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



BB4095



787400



0087B3

# Complementary

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



BB4095



40BB66

# 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.



008882



BB4095



3D8014

# Square

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



BB4095



A36100



00864B



0080D3

# Rectangle

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



BB4095



C84140



00864B



0088A4



# Sweetspot

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



BB4095



F2C2E3



6540BB



7A5D71



FAFAFA



7A7A7A



# Same Dimension

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



BB4095



F233B7



BB4059



5E555B



9E006D



1F0015



# Inverse Universe

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



BB4095



F233B7



40BBA2



5E555B



9E006D



1F0015



# Previews

## White Background



This preview shows how the Hex color BB4095 looks on a white background.

## Color Contrast Check

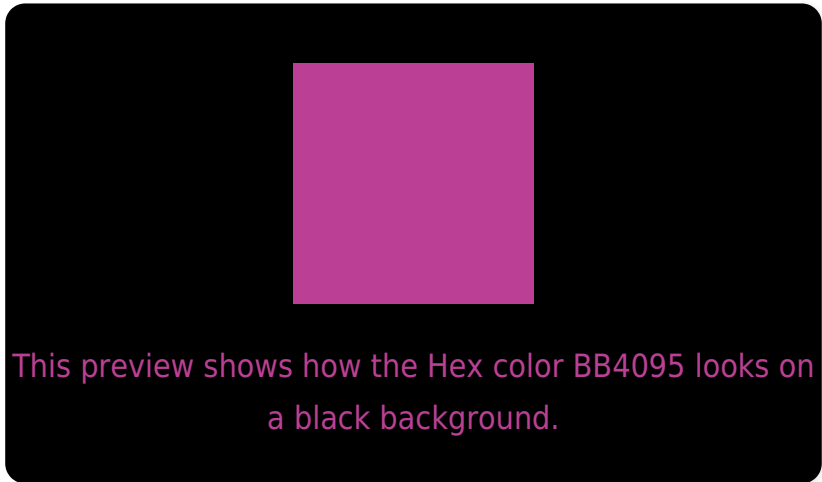
Large Text (above 18pt) WCAG AA ✓ Pass

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

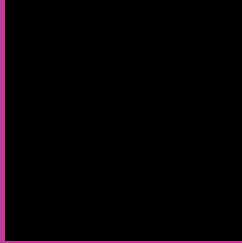
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex BB4095 Background



This preview shows how black text looks on a background with the Hex color BB4095.

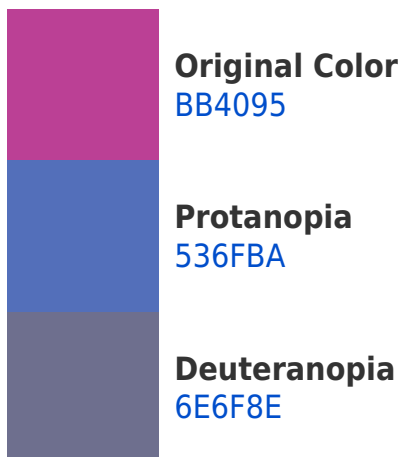


This preview shows how white text looks on a background with the Hex color BB4095.

# 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**  
B55156

# Trichromacy



**Original Color**  
BB4095



**Protanomaly**  
795EAD



**Deuteranomaly**  
8A5E91



**Tritanomaly**  
B74B6D

# Monochromacy



**Original Color**  
BB4095



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
8A5D7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB4095 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 #BB4095 looks like.

```
.text, #text, p{  
    color:#BB4095  
}
```

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 #BB4095 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB4095
}
```

## Border

The CSS property to change the border of an element to Hex BB4095 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
#BB4095 }
```

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

```
.border{ border-color:#BB4095 }
```

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

Here you see how a box with a 4 pixel #BB4095 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB4095; -webkit-box-shadow:4px 4px  
4px 4px #BB4095; box-shadow:4px 4px 4px  
4px #BB4095 }
```

# Background

The CSS property to change the background color of an element to Hex BB4095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB4095 }
```

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

```
.background{ background-color:#BB4095 }
```

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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