

# Converting Colors

Hex(BB2397)

Have a look what the booklet for  
Hex(BB2397) contains.

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# Color

**Hex(BB2397)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB2397
RGB	187, 35, 151
RGB Percent	73%, 14%, 59%
CMY	0.2667, 0.8627, 0.4078
CMYK	0.00, 0.81, 0.19, 0.27
HSL	314°, 68%, 44%
HSV	314°, 81%, 73%
XYZ	26.6805, 14.0012, 30.5744
YIQ	93.6720, 53.3560, 68.3000

# Conversions

## Conversions Part 2

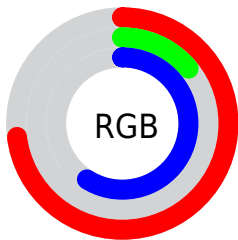
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 35, 151
Decimal	12264343
CIELab	44.23, 67.75, -27.11
CIELCh	44, 72.974, 338.188
Yxy	14.0012, 0.3744, 0.1965
Android (android.graphics.Color)	4290454423 (0xFFBB2397)
YUV	93.6720, 28.2627, 81.8487
Hunter-Lab	37.4182, 61.7947, -22.2532

# Details

The Hex color **BB2397** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **23BB47**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **F763CE**, and **810064** is the 20% darker color. If you saturate the color by 10%, you get **BB1093**, and if you desaturate by 10%, it is **BB369B**.

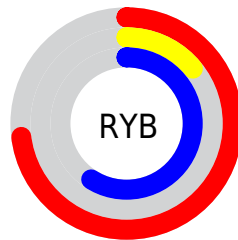
# Distribution



Red (73%)

Green (14%)

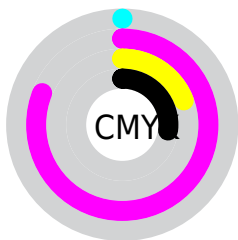
Blue (59%)



Red (73%)

Yellow (14%)

Blue (59%)

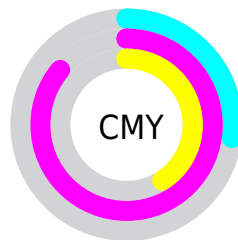


Cyan (0%)

Magenta (81%)

Yellow (19%)

Black (27%)



Cyan (27%)

Magenta (86%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB2397 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 BB2397 by changing the saturation by 10% instead.



 BB2397

 BB2397

FFFFFF

 9E007D

 F763CE

 810064

 FF80EA

 65004B

 FF9DFF

 4A0034

 FFBAFF

 2F001F

 FFD7FF

 000000

 FFF5FF

 BB2397

 BB2397

 BB1093

 BB369B

 BB008F

 BB48A0

 BB5BA4

 BB6EA9

 BB81AD

 BB93B2

 BBA6B6

 BBB9BA

 BBCBBF

# Harmonies

## Analogous

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



7B4FC9



BB2397



D0005B

# Triad

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



BB2397



716C00



0081B3

# Complementary

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



BB2397



23BB47

# 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.



008278



BB2397



287900

# Square

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



BB2397



A25400



007F38



007BDA

# Rectangle

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



BB2397



CB1F34



007F38



0082A1



# Sweetspot

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



BB2397



F2B8E4



4623BB



7A5772



FAFAFA



7A7A7A



# Same Dimension

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



BB2397



F205BA



BB234C



5E555C



9E0079



1F0017



# Inverse Universe

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



BB2397



F205BA



23BB92



5E555C



9E0079



1F0017



# Previews

## White Background



This preview shows how the Hex color BB2397 looks on a white background.

## Color Contrast Check

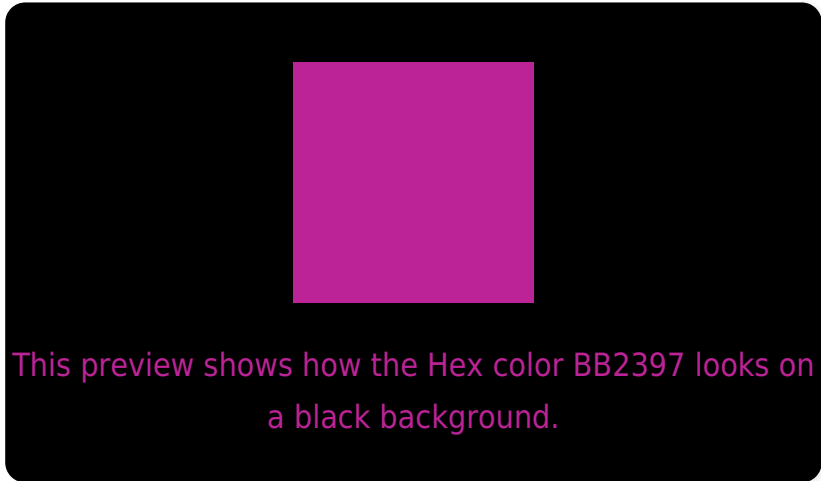
Large Text (above 18pt) WCAG AA ✓ Pass

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

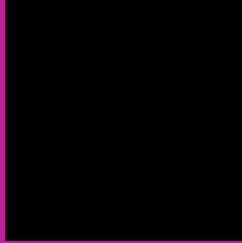
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex BB2397 Background



This preview shows how black text looks on a background with the Hex color BB2397.



This preview shows how white text looks on a background with the Hex color BB2397.

# 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**  
B44246

# Trichromacy



**Original Color**  
BB2397



**Protanomaly**  
614EB9



**Deuteranomaly**  
804F91



**Tritanomaly**  
B73763

# Monochromacy



**Original Color**  
BB2397



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
804973

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB2397 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 #BB2397 looks like.

```
.text, #text, p{  
    color:#BB2397  
}
```

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 #BB2397 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB2397  
}
```

## Border

The CSS property to change the border of an element to Hex BB2397 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  
#BB2397 }
```

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

```
.border{ border-color:#BB2397 }
```

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

Here you see how a box with a 4 pixel #BB2397 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB2397; -webkit-box-shadow:4px 4px  
4px 4px #BB2397; box-shadow:4px 4px 4px  
4px #BB2397 }
```

# Background

The CSS property to change the background color of an element to Hex BB2397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB2397 }
```

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

```
.background{ background-color:#BB2397 }
```

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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