

Converting Colors

Hex(BB44A3)

Have a look what the booklet for
Hex(BB44A3) contains.

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Color

Hex(BB44A3)

Conversions

Conversions Part 1

Format	Color
Hex	BB44A3
RGB	187, 68, 163
RGB Percent	73%, 27%, 64%
CMY	0.2667, 0.7333, 0.3608
CMYK	0.00, 0.64, 0.13, 0.27
HSL	312°, 47%, 50%
HSV	312°, 64%, 73%
XYZ	29.1715, 17.3434, 36.4604
YIQ	114.4110, 40.4290, 54.7730

Conversions

Conversions Part 2

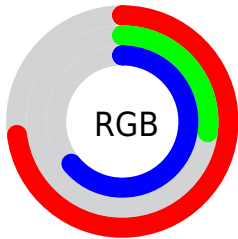
Format	Color
RYB	187, 68, 163
Decimal	12272803
CIELab	48.69, 58.43, -27.35
CIELCh	49, 64.517, 334.919
Yxy	17.3434, 0.3516, 0.2090
Android (android.graphics.Color)	4290462883 (0xFFBB44A3)
YUV	114.4110, 23.9544, 63.6606
Hunter-Lab	41.6454, 52.1551, -22.7565

Details

The Hex color **BB44A3** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **44BB5C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **F67CDA**, and **82006F** is the 20% darker color. If you saturate the color by 10%, you get **BB319F**, and if you desaturate by 10%, it is **BB57A7**.

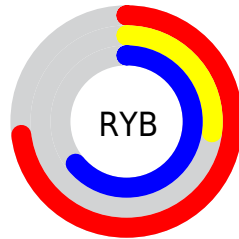
Distribution



Red (73%)

Green (27%)

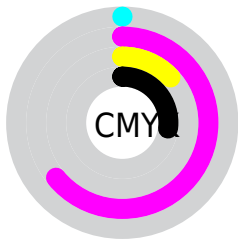
Blue (64%)



Red (73%)

Yellow (27%)

Blue (64%)

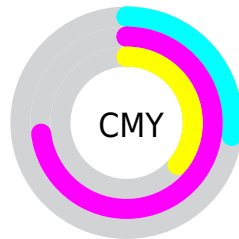


Cyan (0%)

Magenta (64%)

Yellow (13%)

Black (27%)



Cyan (27%)

Magenta (73%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB44A3 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 BB44A3 by changing the saturation by 10% instead.

 BB44A3

 BB44A3

FFFFFF

 9E2689

 F67CDA

 82006F

 FF97F7

 670056

 FFB4FF

 4C003F

 FFD0FF

 340029

 FFE0FF

 0F0012

 000000

 BB44A3

 BB44A3

 BB319F

 BB57A7

 BB1F9B

 BB69AB

 BB0C98

 BB7CAE

 BB0095

 BB8FB2

 BBA2B6

 BBB4BA

 BBC7BD

 BBDAC1

 BBECC5

Harmonies

Analogous

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



7E61CE



BB44A3



D2346D

Triad

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



BB44A3



847400



008BB1

Complementary

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



BB44A3



44BB5C

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.



008C7B



BB44A3



4A8200

Square

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



BB44A3



AF5F00



008942



0085D7

Rectangle

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



BB44A3



D13C49



008942



008CA0

Sweetspot

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



BB44A3



F2C4E9



5C44BB



7A5E75



FAFAFA



7A7A7A

Same Dimension

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



BB44A3



F23ACD



BB4468



5E555C



9E007E



1F0018

Inverse Universe

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



BB44A3



F23ACD



44BB97



5E555C



9E007E



1F0018

Previews

White Background



This preview shows how the Hex color BB44A3 looks on a white background.

Color Contrast Check

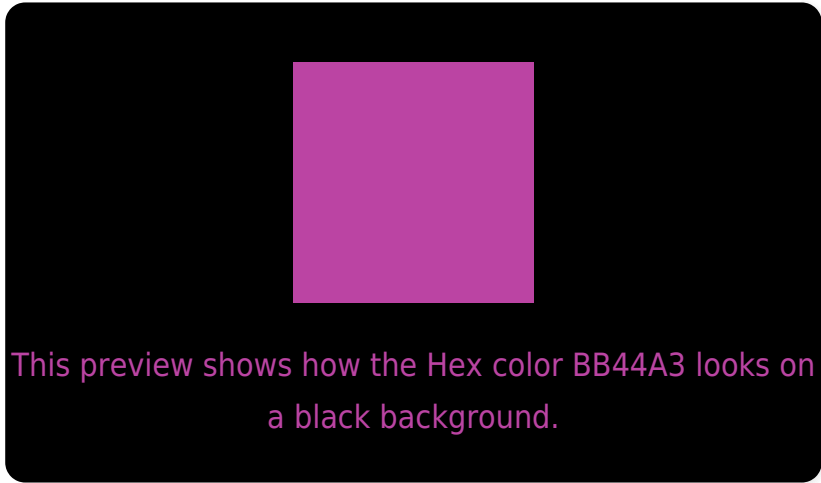
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB44A3 Background



This preview shows how black text looks on a background with the Hex color BB44A3.

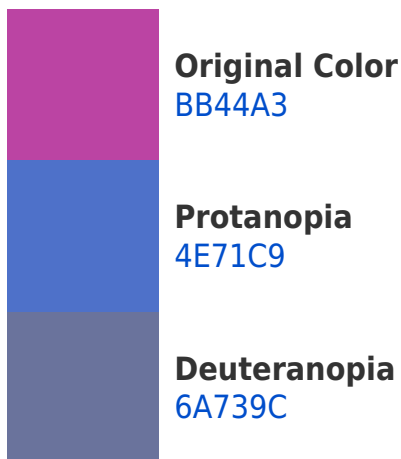



This preview shows how white text looks on a background with the Hex color BB44A3.

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
B4575D

Trichromacy



Original Color
BB44A3



Protanomaly
7661BB



Deuteranomaly
87629F



Tritanomaly
B75076

Monochromacy



Original Color
BB44A3



Achromatopsia
727272



Achromatomaly
8D6184

CSS Examples

Text

The CSS property to change the color of the text to Hex BB44A3 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 #BB44A3 looks like.

```
.text, #text, p{  
    color:#BB44A3  
}
```

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 #BB44A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB44A3
}
```

Border

The CSS property to change the border of an element to Hex BB44A3 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
#BB44A3 }
```

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

```
.border{ border-color:#BB44A3 }
```

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

Here you see how a box with a 4 pixel #BB44A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB44A3; -webkit-box-shadow:4px 4px  
4px 4px #BB44A3; box-shadow:4px 4px 4px  
4px #BB44A3 }
```

Background

The CSS property to change the background color of an element to Hex BB44A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB44A3 }
```

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

```
.background{ background-color:#BB44A3 }
```

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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