

Converting Colors

Hex(BB50AA)

Have a look what the booklet for
Hex(BB50AA) contains.

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Color

Hex(BB50AA)

Conversions

Conversions Part 1

Format	Color
Hex	BB50AA
RGB	187, 80, 170
RGB Percent	73%, 31%, 67%
CMY	0.2667, 0.6863, 0.3333
CMYK	0.00, 0.57, 0.09, 0.27
HSL	310°, 44%, 52%
HSV	310°, 57%, 73%
XYZ	30.6179, 19.2044, 40.1233
YIQ	122.2530, 34.8820, 50.6740

Conversions

Conversions Part 2

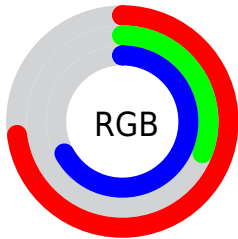
Format	Color
R _Y B	187, 80, 170
Decimal	12275882
CIE Lab	50.93, 54.28, -28.00
CIE LCh	51, 61.077, 332.716
Yxy	19.2044, 0.3404, 0.2135
Android (android.graphics.Color)	4290465962 (0xFFBB50AA)
YUV	122.2530, 23.5393, 56.7831
Hunter-Lab	43.8228, 48.0234, -23.6088

Details

The Hex color **BB50AA** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **50BB61**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **F586E2**, and **831475** is the 20% darker color. If you saturate the color by 10%, you get **BB3DA7**, and if you desaturate by 10%, it is **BB63AD**.

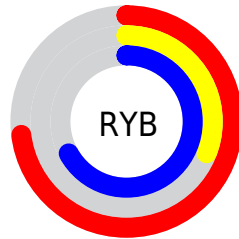
Distribution



Red (73%)

Green (31%)

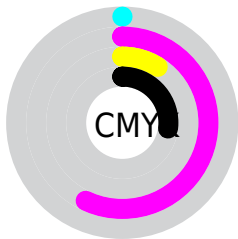
Blue (67%)



Red (73%)

Yellow (31%)

Blue (67%)

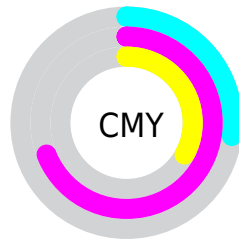


Cyan (0%)

Magenta (57%)

Yellow (9%)

Black (27%)



Cyan (27%)

Magenta (69%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB50AA 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 BB50AA by changing the saturation by 10% instead.

 BB50AA

 BB50AA

FFFFFF

 9F348F

 F586E2

 831475

 FFA2FE

 68005D

 FFBEFF

 4D0045

 FFDBFF

 36002E

 FFF8FF

 150018

 000000

 BB50AA

 BB50AA

 BB3DA7

 BB63AD

 BB2BA4

 BB75B0

 BB18A1

 BB88B3

 BB059E

 BB9BB6

 BB009D

 BBAEB9

 BBC0BC

 BBD3BF

 BBE6C2

 BBF8C5

Harmonies

Analogous

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



7E69D2



BB50AA



D44277

Triad

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



BB50AA



8D7900



0090B0

Complementary

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



BB50AA



50BB61

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.



00917D



BB50AA



588611

Square

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



BB50AA



B66414



008E47



008BD6

Rectangle

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



BB50AA



D54754



008E47



0091A0

Sweetspot

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



BB50AA



F2C9EC



6050BB



7A6277



F9FAFA



7A7A7A

Same Dimension

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



BB50AA



F24BD8



BB5075



5E555D



9E0085



1F001A

Inverse Universe

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



BB50AA



F24BD8



50BB96



5E555D



9E0085



1F001A

Previews

White Background



This preview shows how the Hex color BB50AA looks on a white background.

Color Contrast Check

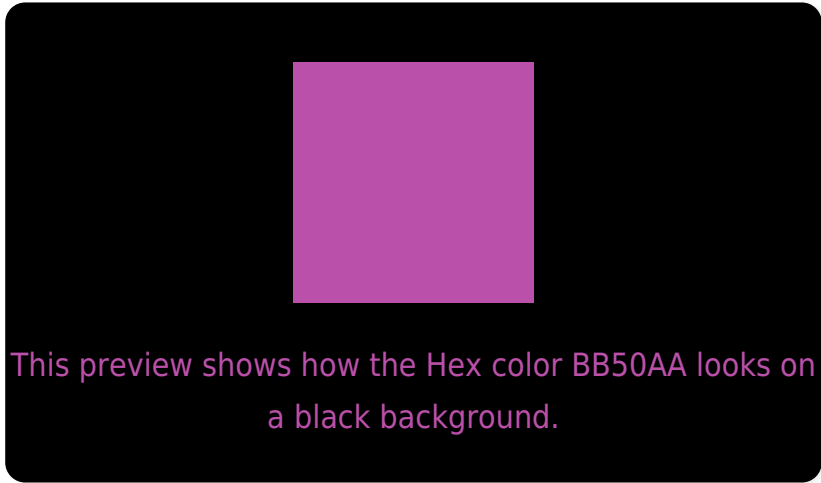
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

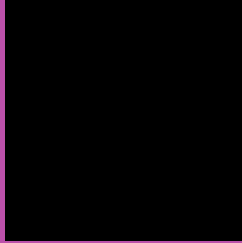
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex BB50AA Background



This preview shows how black text looks on a background with the Hex color BB50AA.

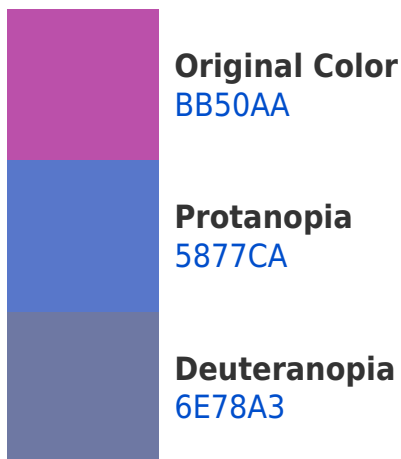


This preview shows how white text looks on a background with the Hex color BB50AA.

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
B46168

Trichromacy



Original Color
BB50AA



Protanomaly
7C69BE



Deuteranomaly
8A69A6



Tritanomaly
B75B80

Monochromacy



Original Color
BB50AA



Achromatopsia
7A7A7A



Achromatomaly
926B8B

CSS Examples

Text

The CSS property to change the color of the text to Hex BB50AA 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 #BB50AA looks like.

```
.text, #text, p{  
    color:#BB50AA  
}
```

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 #BB50AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB50AA
}
```

Border

The CSS property to change the border of an element to Hex BB50AA 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
#BB50AA }
```

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

```
.border{ border-color:#BB50AA }
```

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

Here you see how a box with a 4 pixel #BB50AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB50AA; -webkit-box-shadow:4px 4px  
4px 4px #BB50AA; box-shadow:4px 4px 4px  
4px #BB50AA }
```

Background

The CSS property to change the background color of an element to Hex BB50AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB50AA }
```

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

```
.background{ background-color:#BB50AA }
```

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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