

Converting Colors

Hex(BD44AA)

Have a look what the booklet for
Hex(BD44AA) contains.

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Color

Hex(BD44AA)

Conversions

Conversions Part 1

Format	Color
Hex	BD44AA
RGB	189, 68, 170
RGB Percent	74%, 27%, 67%
CMY	0.2588, 0.7333, 0.3333
CMYK	0.00, 0.64, 0.10, 0.26
HSL	309°, 48%, 50%
HSV	309°, 64%, 74%
XYZ	30.3091, 17.8553, 39.8792
YIQ	115.8070, 39.3740, 57.3740

Conversions

Conversions Part 2

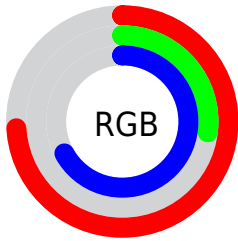
Format	Color
R_{YB}	189, 68, 170
Decimal	12403882
CIE _{Lab}	49.32, 60.05, -30.47
CIE _{LCh}	49, 67.336, 333.091
Yxy	17.8553, 0.3443, 0.2028
Android (android.graphics.Color)	4290593962 (0xFFBD44AA)
YUV	115.8070, 26.7171, 64.1903
Hunter-Lab	42.2556, 54.0872, -26.3767

Details

The Hex color **BD44AA** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **44BD57**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **F87CE2**, and **840075** is the 20% darker color. If you saturate the color by 10%, you get **BD31A7**, and if you desaturate by 10%, it is **BD57AD**.

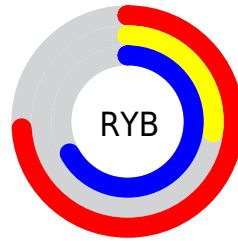
Distribution



Red (74%)

Green (27%)

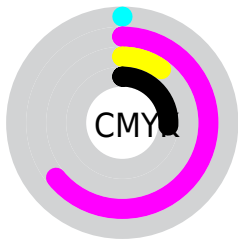
Blue (67%)



Red (74%)

Yellow (27%)

Blue (67%)

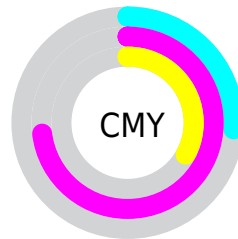


Cyan (0%)

Magenta (64%)

Yellow (10%)

Black (26%)



Cyan (26%)

Magenta (73%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD44AA 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 BD44AA by changing the saturation by 10% instead.

 BD44AA

 BD44AA

FFFFFF

 A0258F

 F87CE2

 840075

 FF98FE

 69005C

 FFB4FF

 4E0044

 FFD1FF

 36002E

 FFE0FF

 140018

 000000

 BD44AA

 BD44AA

 BD31A7

 BD57AD

■ BD1EA4

■ BD6AB0

■ BD0BA1

■ BD7DB3

■ BD009F

■ BD90B6

■ BDA3B9

■ BDB5BC

■ BDC8BF

■ BDDBC2

■ BDEEC5

Harmonies

Analogous

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



7963D6



BD44AA



D83072

Triad

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



BD44AA



887500



008EB2

Complementary

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



BD44AA



44BD57

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.



008E7A



BD44AA



4D8300

Square

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



BD44AA



B55E00



008B3E



0088DB

Rectangle

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



BD44AA



D7384C



008B3E



008EA1

Sweetspot

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



BD44AA



F5C6ED



5644BD



7A5E76



FAFAFA



7A7A7A

Same Dimension

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



BD44AA



F538D7



BD446E



5E555D



9E0085



1F001A

Inverse Universe

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



BD44AA



F538D7



44BD93



5E555D



9E0085



1F001A

Previews

White Background



This preview shows how the Hex color BD44AA looks on a white background.

Color Contrast Check

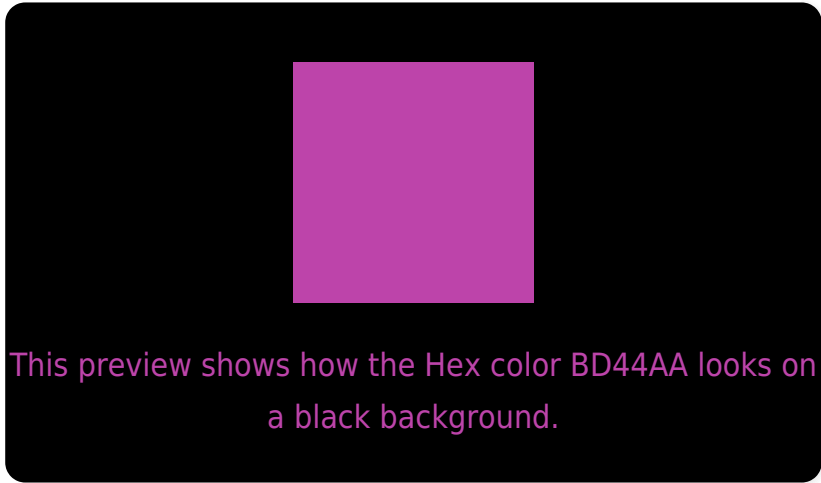
Large Text (above 18pt) WCAG AA ✓ Pass

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

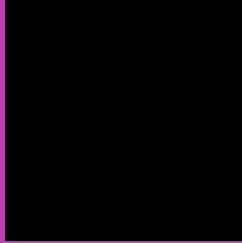
Any Text WCAG AA ✓ Pass

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 BD44AA Background



This preview shows how black text looks on a background with the Hex color BD44AA.

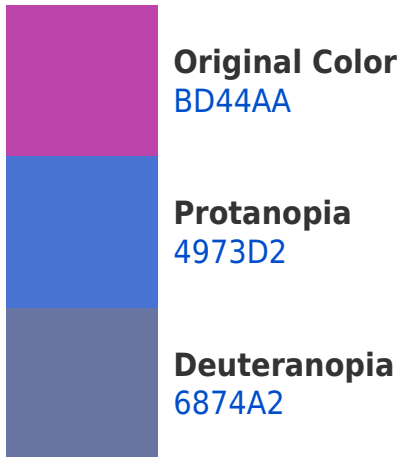



This preview shows how white text looks on a background with the Hex color BD44AA.

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](#).

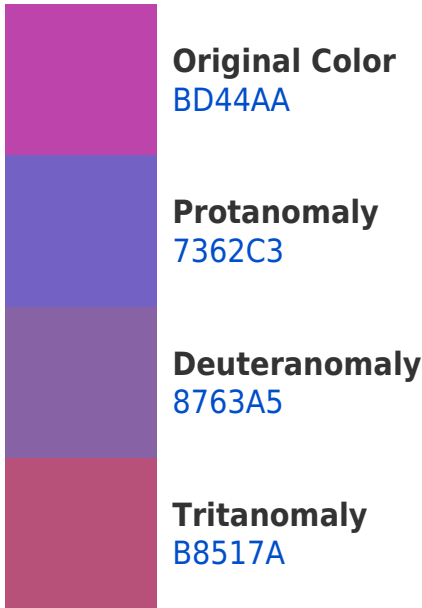
Dichromacy



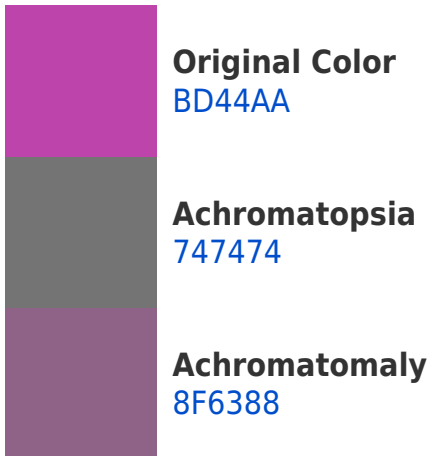


Tritanopia
B5595F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD44AA 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 #BD44AA looks like.

```
.text, #text, p{  
    color:#BD44AA  
}
```

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 #BD44AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD44AA
}
```

Border

The CSS property to change the border of an element to Hex BD44AA 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
#BD44AA }
```

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

```
.border{ border-color:#BD44AA }
```

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

Here you see how a box with a 4 pixel #BD44AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD44AA; -webkit-box-shadow:4px 4px  
4px 4px #BD44AA; box-shadow:4px 4px 4px  
4px #BD44AA }
```

Background

The CSS property to change the background color of an element to Hex BD44AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD44AA }
```

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

```
.background{ background-color:#BD44AA }
```

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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