

Converting Colors

Hex(B44AAB)

Have a look what the booklet for
Hex(B44AAB) contains.

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Color

Hex(B44AAB)

Conversions

Conversions Part 1

Format	Color
Hex	B44AAB
RGB	180, 74, 171
RGB Percent	71%, 29%, 67%
CMY	0.2941, 0.7098, 0.3294
CMYK	0.00, 0.59, 0.05, 0.29
HSL	305°, 42%, 50%
HSV	305°, 59%, 71%
XYZ	28.6219, 17.5411, 40.4053
YIQ	116.7520, 32.0390, 52.6390

Conversions

Conversions Part 2

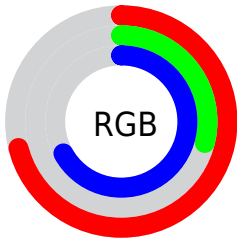
Format	Color
R_{YB}	180, 74, 171
Decimal	11815595
CIE _{Lab}	48.93, 55.25, -31.77
CIE _{LCh}	49, 63.728, 330.102
Yxy	17.5411, 0.3306, 0.2026
Android (android.graphics.Color)	4290005675 (0xFFB44AAB)
YUV	116.7520, 26.7443, 55.4685
Hunter-Lab	41.8821, 48.6915, -27.8819

Details

The Hex color **B44AAB** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4AB453**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **EE80E3**, and **7C0976** is the 20% darker color. If you saturate the color by 10%, you get **B438A9**, and if you desaturate by 10%, it is **B45CAD**.

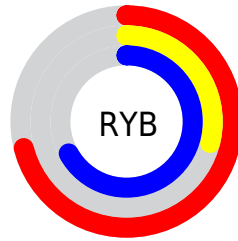
Distribution



Red (71%)

Green (29%)

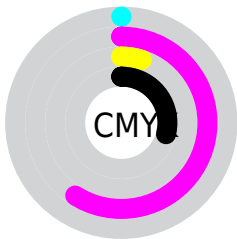
Blue (67%)



Red (71%)

Yellow (29%)

Blue (67%)

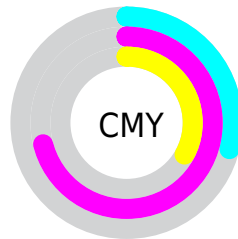


Cyan (0%)

Magenta (59%)

Yellow (5%)

Black (29%)



Cyan (29%)

Magenta (71%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color B44AAB 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 B44AAB by changing the saturation by 10% instead.

 B44AAB

 B44AAB

FFFFFF

 982E90

 EE80E3

 7C0976

 FF9CFF

 61005D

 FFB8FF

 470045

 FFD5FF

 30002F

 FFF2FF

 050019

 000000

 B44AAB

 B44AAB

 B438A9

 B45CAD

 B426A8

 B46EAE

 B414A6

 B480B0

 B402A5

 B492B1

 B400A5

 B4A4B3

 B4B6B4

 B4C8B6

 B4DAB7

 B4ECB9

Harmonies

Analogous

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



7066D3



B44AAB



D13776

Triad

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



B44AAB



8C7200



008CA9

Complementary

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



B44AAB



4AB453

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.



008C73



B44AAB



568100

Square

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



B44AAB



B55C0B



00893B



0087D2

Rectangle

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



B44AAB



D23B53



00893B



008C98

Sweetspot

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



B44AAB



EBC0E7



534AB4



755B73



F5F5F5



757575

Same Dimension

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



B44AAB



EB44DC



B44A76



595058



99008C



1A0017

Inverse Universe

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



B44AAB



EB44DC



4AB488



595058



99008C



1A0017

Previews

White Background



This preview shows how the Hex color B44AAB looks on a white background.

Color Contrast Check

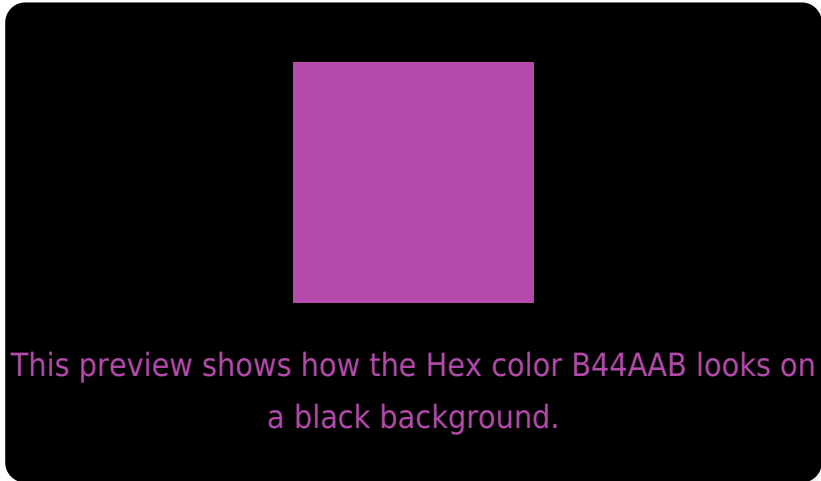
Large Text (above 18pt) WCAG AA ✓ Pass

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

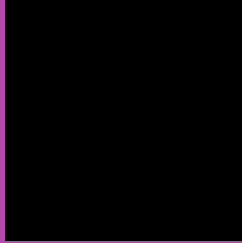
Any Text WCAG AA ✓ Pass

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 B44AAB Background



This preview shows how black text looks on a background with the Hex color B44AAB.

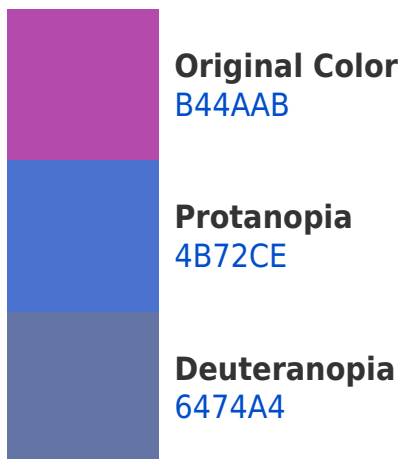


This preview shows how white text looks on a background with the Hex color B44AAB.

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



Trichromacy



Original Color
B44AAB



Protanomaly
7163C1



Deuteranomaly
8165A7



Tritanomaly
AF567E

Monochromacy



Original Color
B44AAB



Achromatopsia
757575



Achromatomaly
8C6589

CSS Examples

Text

The CSS property to change the color of the text to Hex B44AAB 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 #B44AAB looks like.

```
.text, #text, p{  
    color:#B44AAB  
}
```

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 #B44AAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B44AAB
}
```

Border

The CSS property to change the border of an element to Hex B44AAB 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
#B44AAB }
```

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

```
.border{ border-color:#B44AAB }
```

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

Here you see how a box with a 4 pixel #B44AAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B44AAB; -webkit-box-shadow:4px 4px  
4px 4px #B44AAB; box-shadow:4px 4px 4px  
4px #B44AAB }
```

Background

The CSS property to change the background color of an element to Hex B44AAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B44AAB }
```

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

```
.background{ background-color:#B44AAB }
```

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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