

Converting Colors

Hex(B647A9)

Have a look what the booklet for
Hex(B647A9) contains.

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Color

Hex(B647A9)

Conversions

Conversions Part 1

Format	Color
Hex	B647A9
RGB	182, 71, 169
RGB Percent	71%, 28%, 66%
CMY	0.2863, 0.7216, 0.3373
CMYK	0.00, 0.61, 0.07, 0.29
HSL	307°, 44%, 50%
HSV	307°, 61%, 71%
XYZ	28.7061, 17.3161, 39.3655
YIQ	115.3610, 34.6980, 54.0100

Conversions

Conversions Part 2

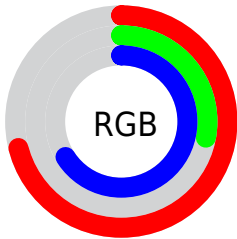
Format	Color
R_{YB}	182, 71, 169
Decimal	11945897
CIE _{Lab}	48.66, 56.78, -31.00
CIE _{LCh}	49, 64.690, 331.364
Yxy	17.3161, 0.3362, 0.2028
Android (android.graphics.Color)	4290135977 (0xFFB647A9)
YUV	115.3610, 26.4440, 58.4424
Hunter-Lab	41.6127, 50.3143, -26.9594

Details

The Hex color **B647A9** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **47B654**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **F07EE1**, and **7E0074** is the 20% darker color. If you saturate the color by 10%, you get **B635A7**, and if you desaturate by 10%, it is **B659AB**.

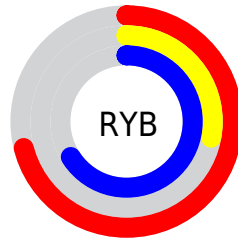
Distribution



Red (71%)

Green (28%)

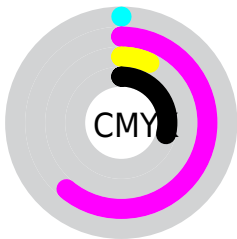
Blue (66%)



Red (71%)

Yellow (28%)

Blue (66%)

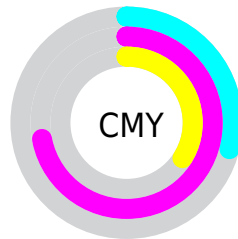


Cyan (0%)

Magenta (61%)

Yellow (7%)

Black (29%)



Cyan (29%)

Magenta (72%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color B647A9 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 B647A9 by changing the saturation by 10% instead.

 B647A9

 B647A9

FFFFFF

 9A2A8E

 F07EE1

 7E0074

 FF9AFD

 63005B

 FFB6FF

 480044

 FFD2FF

 31002D

 FFEFFF

 070017

 000000

 B647A9

 B647A9

 B635A7

 B659AB

 B623A5

 B66BAD

 B610A3

 B67EAF

 B600A1

 B690B2

 B6A2B4

 B6B4B6

 B6C6B8

 B6D9BA

 B6EBBC

Harmonies

Analogous

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



7364D2



B647A9



D23473

Triad

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



B647A9



897200



008BAB

Complementary

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



B647A9



47B654

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.



008C75



B647A9



528000

Square

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



B647A9



B45C03



00883B



0086D4

Rectangle

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



B647A9



D23A4F



00883B



008C9A

Sweetspot

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



B647A9



EDC2E8



5447B6



785D75



F7F7F7



787878

Same Dimension

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



B647A9



ED40D9



B64772



5C535B



9C0089



1C0019

Inverse Universe

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



B647A9



ED40D9



47B68B



5C535B



9C0089



1C0019

Previews

White Background



This preview shows how the Hex color B647A9 looks on a white background.

Color Contrast Check

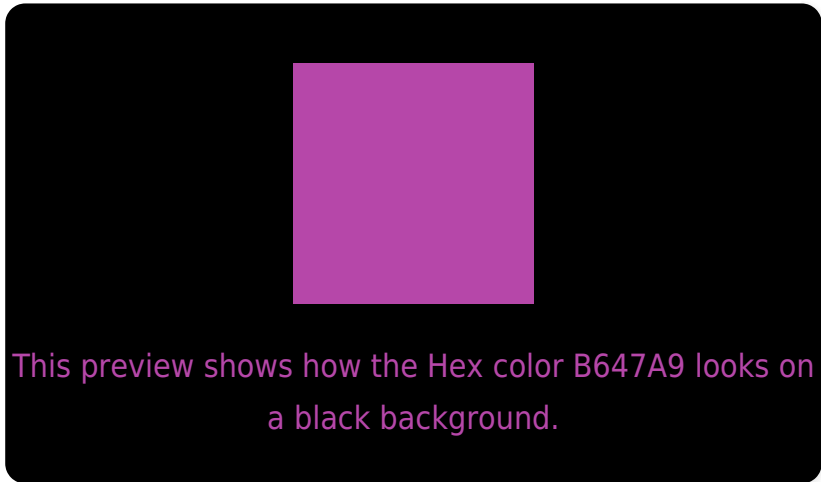
Large Text (above 18pt) WCAG AA ✓ Pass

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

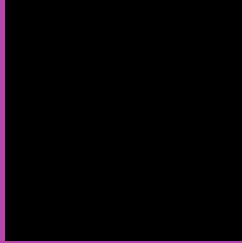
Any Text WCAG AA × Fail

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 B647A9 Background



This preview shows how black text looks on a background with the Hex color B647A9.

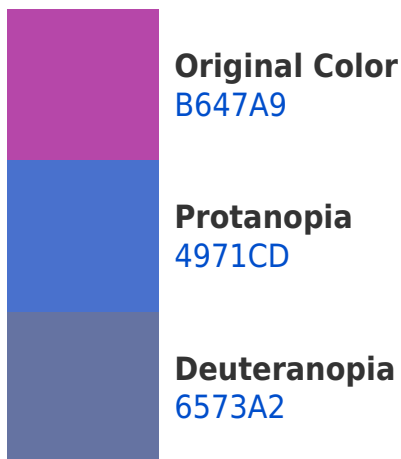


This preview shows how white text looks on a background with the Hex color B647A9.

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](#).

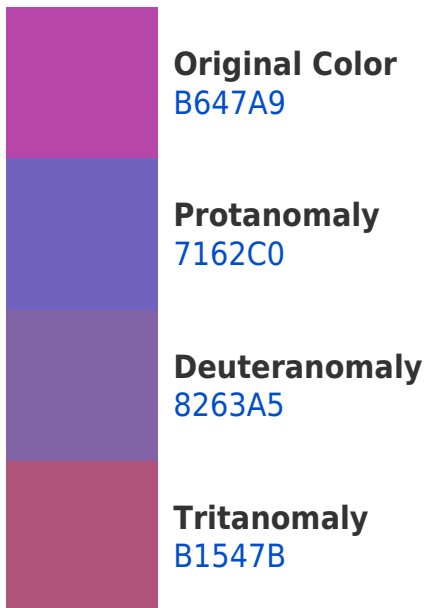
Dichromacy



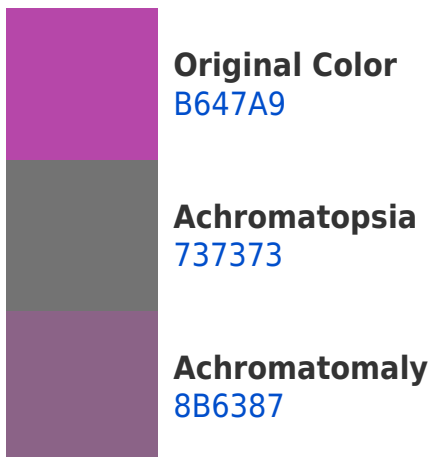


Tritanopia
AE5B61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B647A9 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 #B647A9 looks like.

```
.text, #text, p{  
    color:#B647A9  
}
```

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 #B647A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B647A9
}
```

Border

The CSS property to change the border of an element to Hex B647A9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

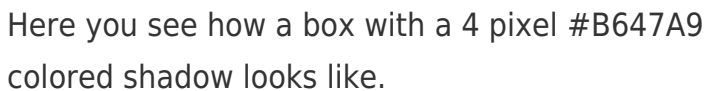
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B647A9 }
```

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

```
.border{ border-color:#B647A9 }
```

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



Here you see how a box with a 4 pixel #B647A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B647A9; -webkit-box-shadow:4px 4px  
4px 4px #B647A9; box-shadow:4px 4px 4px  
4px #B647A9 }
```

Background

The CSS property to change the background color of an element to Hex B647A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B647A9 }
```

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

```
.background{ background-color:#B647A9 }
```

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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