

Converting Colors

Hex(B04AA9)

Have a look what the booklet for
Hex(B04AA9) contains.

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Color

Hex(B04AA9)

Conversions

Conversions Part 1

Format	Color
Hex	B04AA9
RGB	176, 74, 169
RGB Percent	69%, 29%, 66%
CMY	0.3098, 0.7098, 0.3373
CMYK	0.00, 0.58, 0.04, 0.31
HSL	304°, 41%, 49%
HSV	304°, 58%, 69%
XYZ	27.5147, 16.9922, 39.3658
YIQ	115.3280, 30.2970, 51.1690

Conversions

Conversions Part 2

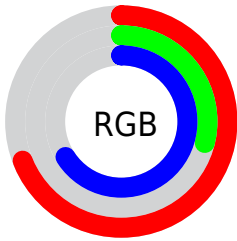
Format	Color
R_{YB}	176, 74, 169
Decimal	11553449
CIE _{Lab}	48.25, 53.82, -31.70
CIE _{LCh}	48, 62.462, 329.499
Yxy	16.9922, 0.3281, 0.2026
Android (android.graphics.Color)	4289743529 (0xFFB04AA9)
YUV	115.3280, 26.4603, 53.2093
Hunter-Lab	41.2216, 47.0077, -27.7655

Details

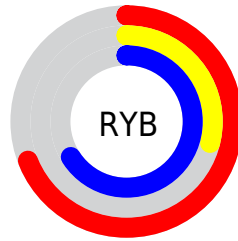
The Hex color **B04AA9** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4AB051**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **EA80E1**, and **790B74** is the 20% darker color. If you saturate the color by 10%, you get **B038A8**, and if you desaturate by 10%, it is **B05CAA**.

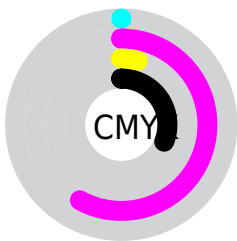
Distribution



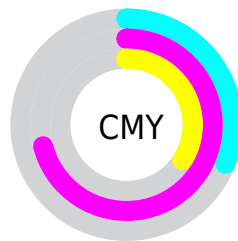
- Red (69%)
- Green (29%)
- Blue (66%)



- Red (69%)
- Yellow (29%)
- Blue (66%)



- Cyan (0%)
- Magenta (58%)
- Yellow (4%)
- Black (31%)



- Cyan (31%)
- Magenta (71%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color B04AA9 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 B04AA9 by changing the saturation by 10% instead.

 B04AA9

 B04AA9

FFFFFF

 942E8E

 EA80E1

 790B74

 FF9BFD

 5E005B

 FFB8FF

 430044

 FFD4FF

 2C002D

 FFF1FF

 000017

 000000

 B04AA9

 B04AA9

 B038A8

 B05CAA


 B027A7

 B06DAB

 B015A5

 B07FAD

 B004A4

 B090AE

 B000A4

 B0A2AF

 B0B4B0

 B0C5B1

 B0D7B3

 B0E8B4

Harmonies

Analogous

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



6C65CF



B04AA9



CD3776

Triad

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



B04AA9



8B7000



008AA5

Complementary

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



B04AA9



4AB051

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.



008A70



B04AA9



577E00

Square

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



B04AA9



B35A0E



008639



0085CD

Rectangle

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



B04AA9



CF3B53



008639



008A94

Sweetspot

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



B04AA9



E6BEE3



514AB0



735C71



F2F2F2



737373

Same Dimension

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



B04AA9



E645DA



B04A76



595059



99008F



1A0018

Inverse Universe

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



B04AA9



E645DA



4AB084



595059



99008E



1A0018

Previews

White Background



This preview shows how the Hex color B04AA9 looks on a white background.

Color Contrast Check

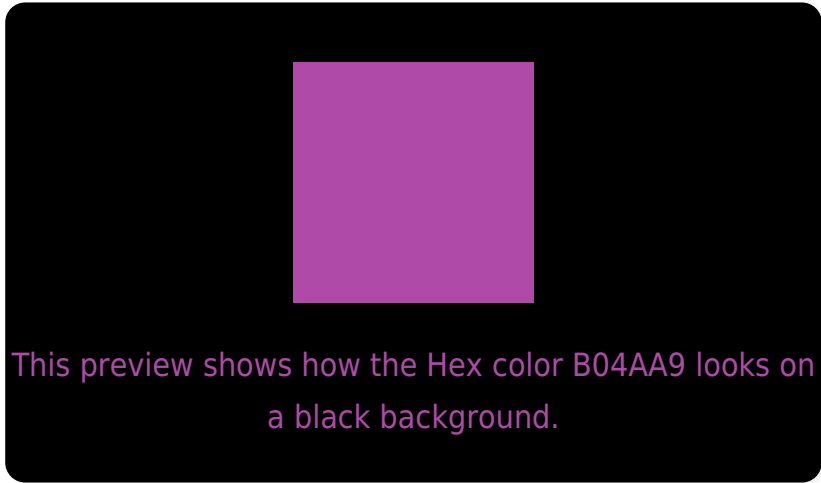
Large Text (above 18pt) WCAG AA ✓ Pass

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

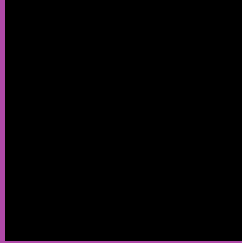
Any Text WCAG AA × Fail

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 B04AA9 Background



This preview shows how black text looks on a background with the Hex color B04AA9.

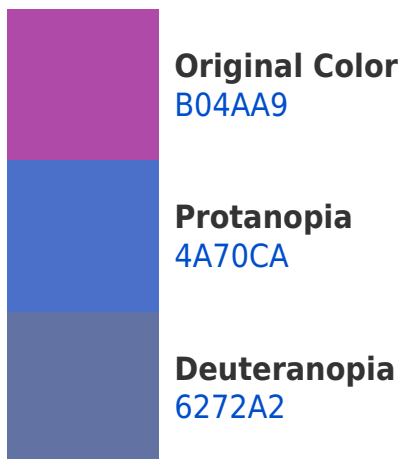



This preview shows how white text looks on a background with the Hex color B04AA9.

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
A85C63

Trichromacy



Original Color
B04AA9



Protanomaly
6F62BE



Deuteranomaly
7E63A5



Tritanomaly
AB557C

Monochromacy



Original Color
B04AA9



Achromatopsia
737373



Achromatomaly
896487

CSS Examples

Text

The CSS property to change the color of the text to Hex B04AA9 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 #B04AA9 looks like.

```
.text, #text, p{  
    color:#B04AA9  
}
```

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 #B04AA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B04AA9
}
```

Border

The CSS property to change the border of an element to Hex B04AA9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

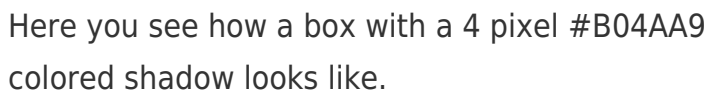
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B04AA9 }
```

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

```
.border{ border-color:#B04AA9 }
```

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



Here you see how a box with a 4 pixel #B04AA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B04AA9; -webkit-box-shadow:4px 4px  
4px 4px #B04AA9; box-shadow:4px 4px 4px  
4px #B04AA9 }
```

Background

The CSS property to change the background color of an element to Hex B04AA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B04AA9 }
```

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

```
.background{ background-color:#B04AA9 }
```

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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