

Converting Colors

Hex(B009A8)

Have a look what the booklet for
Hex(B009A8) contains.

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Color

Hex(B009A8)

Conversions

Conversions Part 1

Format	Color
Hex	B009A8
RGB	176, 9, 168
RGB Percent	69%, 4%, 66%
CMY	0.3098, 0.9647, 0.3412
CMYK	0.00, 0.95, 0.05, 0.31
HSL	303°, 90%, 36%
HSV	303°, 95%, 69%
XYZ	25.0701, 12.2526, 38.0894
YIQ	77.0590, 48.4930, 84.8530

Conversions

Conversions Part 2

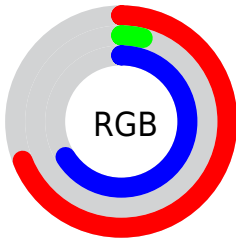
Format	Color
R_{YB}	176, 9, 168
Decimal	11536808
CIE _{Lab}	41.61, 72.32, -41.59
CIE _{LCh}	42, 83.423, 330.099
Yxy	12.2526, 0.3324, 0.1625
Android (android.graphics.Color)	4289726888 (0xFFB009A8)
YUV	77.0590, 44.8339, 86.7713
Hunter-Lab	35.0038, 66.5870, -40.0139

Details

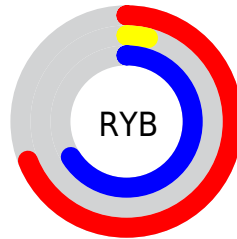
The Hex color **B009A8** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **09B011**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **EB57E0**, and **770073** is the 20% darker color. If you saturate the color by 10%, you get **B000A8**, and if you desaturate by 10%, it is **B01BA9**.

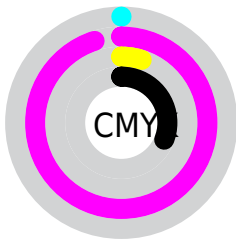
Distribution



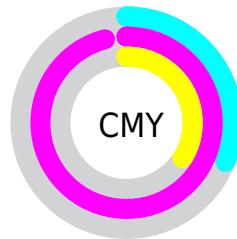
- Red (69%)
- Green (4%)
- Blue (66%)



- Red (69%)
- Yellow (4%)
- Blue (66%)



- Cyan (0%)
- Magenta (95%)
- Yellow (5%)
- Black (31%)



- Cyan (31%)
- Magenta (96%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color B009A8 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 B009A8 by changing the saturation by 10% instead.

 B009A8

 B009A8

FFFFFF

 93008D

 EB57E0

 770073

 FF75FD

 5B005A

 FF92FF

 410042

 FFAFFF

 24002B

 FFC0FF

 000115

 FFEAFF

 000000

 B009A8

 B009A8

 B000A8

 B01BA9

 B02CAA

 B03EAB

 B04FAB

 B061AC

 B073AD

 B084AE

 B096AF

 B0A7B0

Harmonies

Analogous

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



4C4FDB



B009A8



D20065

Triad

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



B009A8



786000



007DA6

Complementary

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



B009A8



09B011

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.



007C61



B009A8



2F7100

Square

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



B009A8



AC3F00



007910



007ADB

Rectangle

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



B009A8



D20039



007910



007D90

Sweetspot

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



B009A8



E6A5E2



0F09B0



734C71



F2F2F2



737373

Same Dimension

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



B009A8



E600DB



B00957



595059



990092



1A0018

Inverse Universe

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



B009A8



E600DB



09B062



595059



990092



1A0018

Previews

White Background



This preview shows how the Hex color B009A8 looks on a white background.

Color Contrast Check

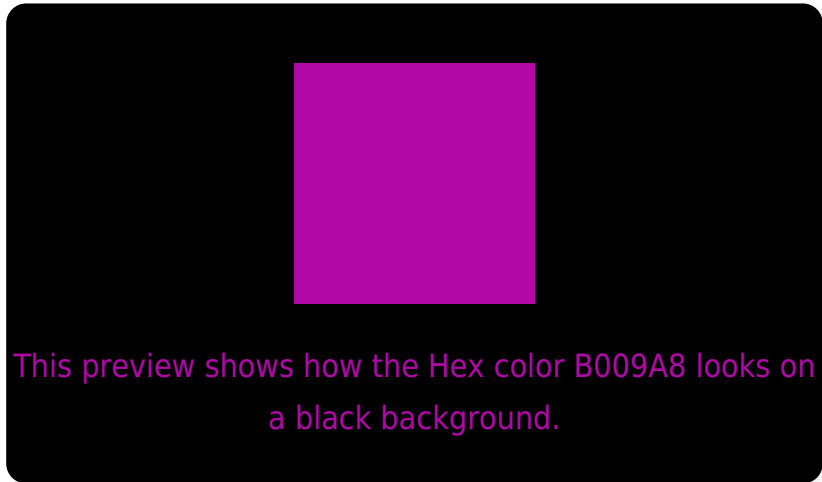
Large Text (above 18pt) WCAG AA ✓ Pass

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

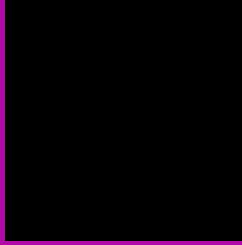
Any Text WCAG AA × Fail

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 B009A8 Background



This preview shows how black text looks on a background with the Hex color B009A8.

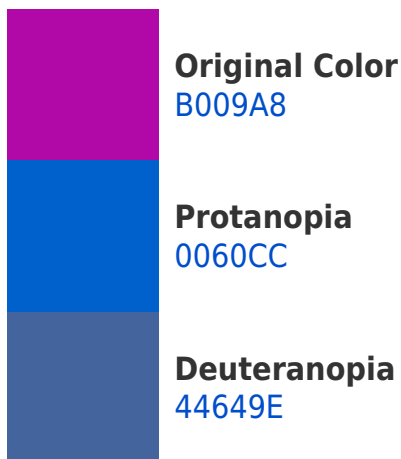


This preview shows how white text looks on a background with the Hex color B009A8.

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
A64247

Trichromacy



Original Color
B009A8



Protanomaly
4040BF



Deuteranomaly
6B43A2



Tritanomaly
AA2D6A

Monochromacy



Original Color
B009A8



Achromatopsia
4D4D4D



Achromatomaly
71346E

CSS Examples

Text

The CSS property to change the color of the text to Hex B009A8 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 #B009A8 looks like.

```
.text, #text, p{  
    color:#B009A8  
}
```

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 #B009A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B009A8
}
```

Border

The CSS property to change the border of an element to Hex B009A8 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
#B009A8 }
```

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

```
.border{ border-color:#B009A8 }
```

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

Here you see how a box with a 4 pixel #B009A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B009A8; -webkit-box-shadow:4px 4px  
4px 4px #B009A8; box-shadow:4px 4px 4px  
4px #B009A8 }
```

Background

The CSS property to change the background color of an element to Hex B009A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B009A8 }
```

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

```
.background{ background-color:#B009A8 }
```

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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