

Converting Colors

Hex(AB4D9A)

Have a look what the booklet for
Hex(AB4D9A) contains.

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Color

Hex(AB4D9A)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AB4D9A |
| RGB | 171, 77, 154 |
| RGB Percent | 67%, 30%, 60% |
| CMY | 0.3294, 0.6980, 0.3961 |
| CMYK | 0.00, 0.55, 0.10, 0.33 |
| HSL | 311°, 38%, 49% |
| HSV | 311°, 55%, 67% |
| XYZ | 25.2812, 16.2988, 32.3854 |
| YIQ | 113.8840, 31.3070, 43.8750 |

Conversions

Conversions Part 2

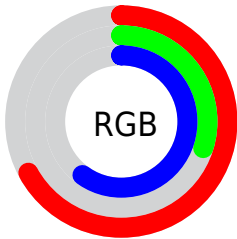
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 171, 77, 154 |
| Decimal | 11226522 |
| CIE _{Lab} | 47.36, 48.43, -24.26 |
| CIE _{LCh} | 47, 54.169, 333.399 |
| Yxy | 16.2988, 0.3418, 0.2204 |
| Android (android.graphics.Color) | 4289416602 (0xFFAB4D9A) |
| YUV | 113.8840, 19.7772, 50.0907 |
| Hunter-Lab | 40.3717, 41.1280, -19.3010 |

Details

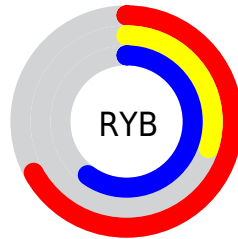
The Hex color **AB4D9A** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4DAB5E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **E482D1**, and **741567** is the 20% darker color. If you saturate the color by 10%, you get **AB3C97**, and if you desaturate by 10%, it is **AB5E9D**.

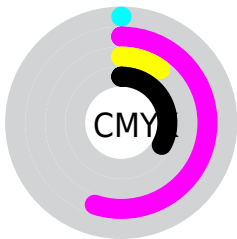
Distribution



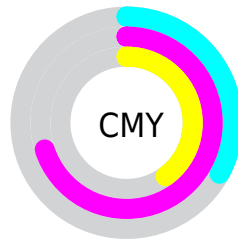
- Red (67%)
- Green (30%)
- Blue (60%)



- Red (67%)
- Yellow (30%)
- Blue (60%)



- Cyan (0%)
- Magenta (55%)
- Yellow (10%)
- Black (33%)



- Cyan (33%)
- Magenta (70%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB4D9A 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 AB4D9A by changing the saturation by 10% instead.

 AB4D9A

 AB4D9A

FFFFFF

 8F3280

 E482D1

 741567

 FF9DED

 5A004E

 FFB9FF

 400037

 FFD6FF

 290022

 FFF3FF

 000006

 000000

 AB4D9A

 AB4D9A

 AB3C97

 AB5E9D

 AB2B94

 AB6FA0

 AB1A91

 AB80A3

 AB098E

 AB91A6

 AB008C

 ABA2A9

 ABB4AD

 ABC5B0

 ABD6B3

 ABE7B6

Harmonies

Analogous

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



7762BD



AB4D9A



C1426D

Triad

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



AB4D9A



827000



0085A1

Complementary

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



AB4D9A



4DAB5E

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.



008574



AB4D9A



537C1A

Square

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



AB4D9A



A65F1A



008345



0080C2

Rectangle

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



AB4D9A



C1464F



008345



008593

Sweetspot

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



AB4D9A



DEBAD7



5D4DAB



705B6C



F0F0F0



707070

Same Dimension

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



AB4D9A



DE4BC3



AB4D6C



574E55



96007B



170013

Inverse Universe

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



AB4D9A



DE4BC3



4DAB8C



574E55



96007B



170013

Previews

White Background



This preview shows how the Hex color AB4D9A looks on a white background.

Color Contrast Check

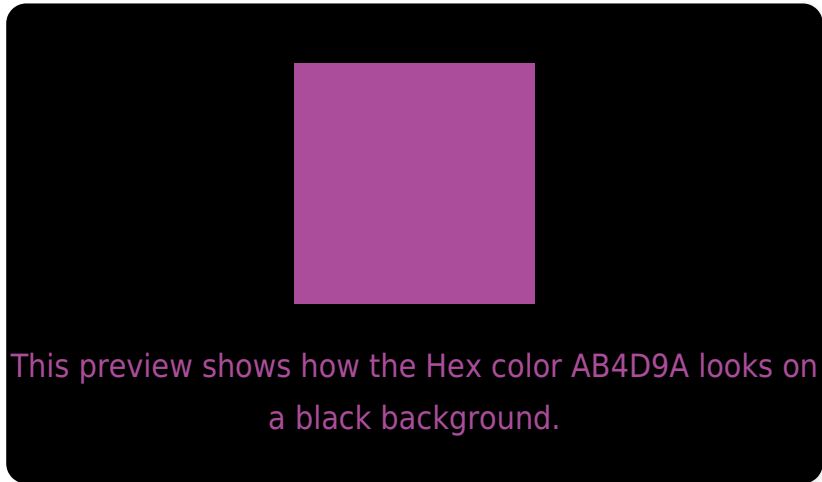
Large Text (above 18pt) WCAG AA ✓ Pass

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

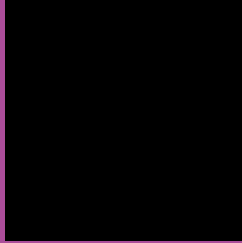
Any Text WCAG AA × Fail

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 AB4D9A Background



This preview shows how black text looks on a background with the Hex color AB4D9A.

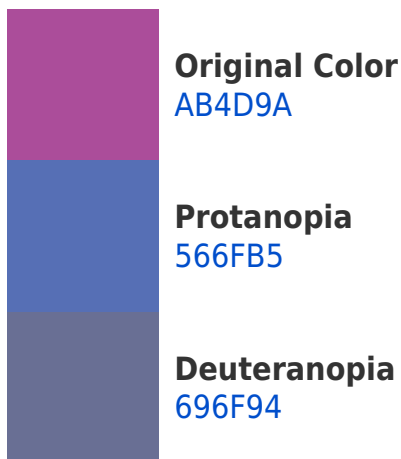


This preview shows how white text looks on a background with the Hex color AB4D9A.

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](#).

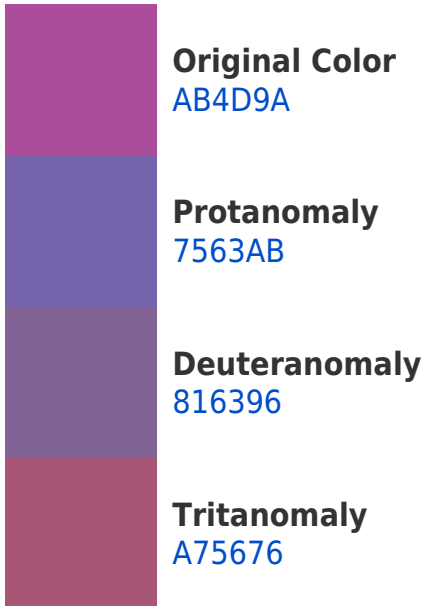
Dichromacy



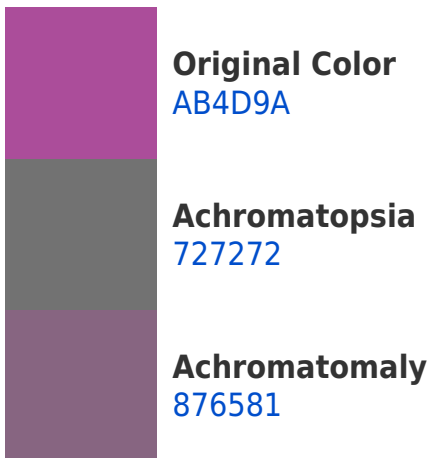


Tritanopia
A55B61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB4D9A 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 #AB4D9A looks like.

```
.text, #text, p{  
    color:#AB4D9A  
}
```

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 #AB4D9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB4D9A
}
```

Border

The CSS property to change the border of an element to Hex AB4D9A 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
#AB4D9A }
```

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

```
.border{ border-color:#AB4D9A }
```

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

Here you see how a box with a 4 pixel #AB4D9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB4D9A; -webkit-box-shadow:4px 4px  
4px 4px #AB4D9A; box-shadow:4px 4px 4px  
4px #AB4D9A }
```

Background

The CSS property to change the background color of an element to Hex AB4D9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB4D9A }
```

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

```
.background{ background-color:#AB4D9A }
```

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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