

Converting Colors

Hex(AE64B9)

Have a look what the booklet for
Hex(AE64B9) contains.

Hex(AE64B9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AE64B9)

Conversions

Conversions Part 1

Format	Color
Hex	AE64B9
RGB	174, 100, 185
RGB Percent	68%, 39%, 73%
CMY	0.3176, 0.6078, 0.2745
CMYK	0.06, 0.46, 0.00, 0.27
HSL	292°, 38%, 56%
HSV	292°, 46%, 73%
XYZ	30.7697, 21.6158, 48.4495
YIQ	131.8160, 16.8190, 42.1230

Conversions

Conversions Part 2

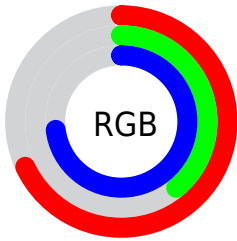
Format	Color
RYB	174, 100, 185
Decimal	11429049
CIELab	53.62, 43.25, -32.66
CIELCh	54, 54.193, 322.940
Yxy	21.6158, 0.3051, 0.2144
Android (android.graphics.Color)	4289619129 (0xFFAE64B9)
YUV	131.8160, 26.2197, 36.9954
Hunter-Lab	46.4928, 36.7718, -29.2403

Details

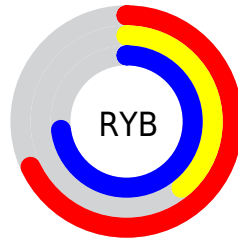
The Hex color **AE64B9** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6FB964**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **E799F1**, and **783183** is the 20% darker color. If you saturate the color by 10%, you get **AC52B9**, and if you desaturate by 10%, it is **B077B9**.

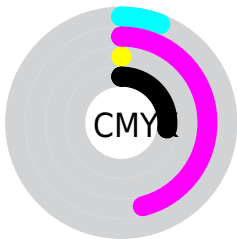
Distribution



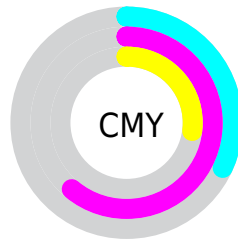
- Red (68%)
- Green (39%)
- Blue (73%)



- Red (68%)
- Yellow (39%)
- Blue (73%)



- Cyan (6%)
- Magenta (46%)
- Yellow (0%)
- Black (27%)



- Cyan (32%)
- Magenta (61%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE64B9 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 AE64B9 by changing the saturation by 10% instead.

■ AE64B9

■ AE64B9

FFFFFF

■ 924A9E

■ E799F1

■ 783183

■ FFB4FF

■ 5D176A

■ FFD0FF

■ 440051

■ FFEDFF

■ 2C003A

■ 0E0024

■ 00000B

■ 000000

■ AE64B9

■ AE64B9

■ AC52B9

■ B077B9

■ A93FB9

■ B389B9

■ A72DB9

■ B59CB9

■ A41AB9

■ B8AEB9

■ A208B9

■ BAC1B9

■ A100B9

■ BCD3B9

■ BFE5B9

■ C1F8B9

■ C4FFB9

Harmonies

Analogous

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



6C78D6



AE64B9



CF558D

Triad

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



AE64B9



A27A19



0096A3

Complementary

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



AE64B9



6FB964

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.



009673



AE64B9



758820

Square

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



AE64B9



C36736



389145



0092CA

Rectangle

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



AE64B9



D5546E



389145



009694

Sweetspot

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



AE64B9



EBCEF0



646FB9



756378



F7F7F7



787878

Same Dimension

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



AE64B9



DF6CF0



B9649A



5B535C



87009C



18001C

Inverse Universe

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



B9646F



F06C7D



64B983



5C5354



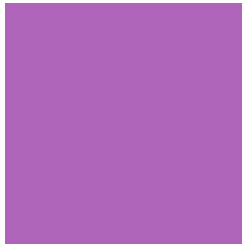
9C0014



1C0004

Previews

White Background



This preview shows how the Hex color AE64B9 looks on a white background.

Color Contrast Check

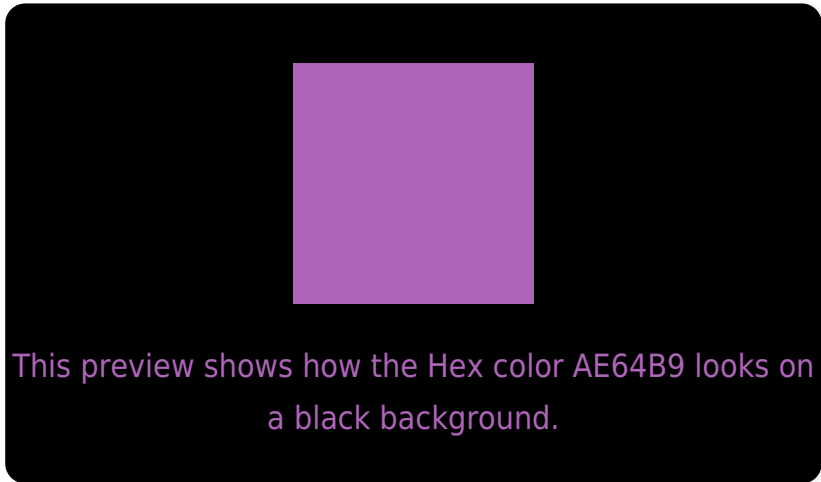
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

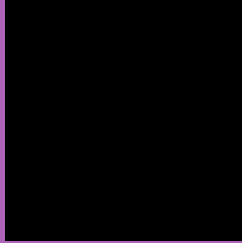
Any Text WCAG AA ✓ Pass

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 AE64B9 Background



This preview shows how black text looks on a background with the Hex color AE64B9.

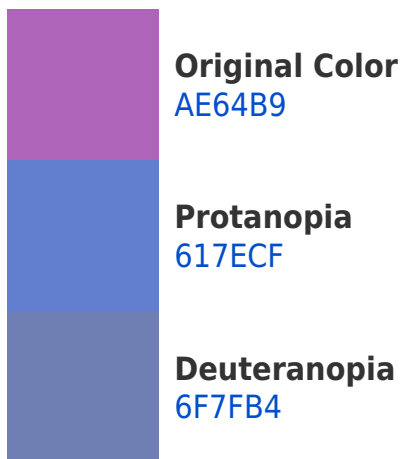


This preview shows how white text looks on a background with the Hex color AE64B9.

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
A6727B

Trichromacy



Original Color
AE64B9



Protanomaly
7D75C7



Deuteranomaly
8675B6



Tritanomaly
A96D92

Monochromacy



Original Color
AE64B9



Achromatopsia
848484



Achromatomaly
937897

CSS Examples

Text

The CSS property to change the color of the text to Hex AE64B9 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 #AE64B9 looks like.

```
.text, #text, p{  
    color:#AE64B9  
}
```

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 #AE64B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE64B9
}
```

Border

The CSS property to change the border of an element to Hex AE64B9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

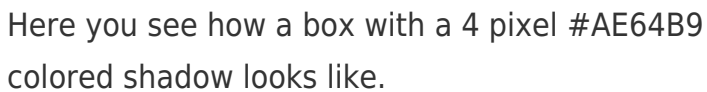
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE64B9 }
```

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

```
.border{ border-color:#AE64B9 }
```

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



Here you see how a box with a 4 pixel #AE64B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE64B9; -webkit-box-shadow:4px 4px  
4px 4px #AE64B9; box-shadow:4px 4px 4px  
4px #AE64B9 }
```

Background

The CSS property to change the background color of an element to Hex AE64B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE64B9 }
```

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

```
.background{ background-color:#AE64B9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor