

Converting Colors

Hex(A68EAE)

Have a look what the booklet for
Hex(A68EAE) contains.

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Color

Hex(A68EAE)

Conversions

Conversions Part 1

Format	Color
Hex	A68EAE
RGB	166, 142, 174
RGB Percent	65%, 56%, 68%
CMY	0.3490, 0.4431, 0.3176
CMYK	0.05, 0.18, 0.00, 0.32
HSL	285°, 16%, 62%
HSV	285°, 18%, 68%
XYZ	33.0389, 30.5090, 44.1919
YIQ	152.8240, 4.0320, 15.0400

Conversions

Conversions Part 2

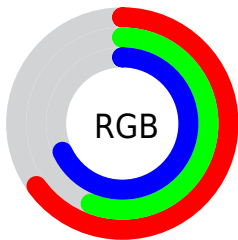
Format	Color
RYB	166, 142, 174
Decimal	10915502
CIELab	62.09, 14.96, -13.44
CIElCh	62, 20.110, 318.068
Yxy	30.5090, 0.3067, 0.2832
Android (android.graphics.Color)	4289105582 (0xFFA68EAE)
YUV	152.8240, 10.4398, 11.5554
Hunter-Lab	55.2349, 10.1089, -8.7718

Details

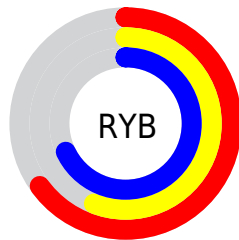
The Hex color **A68EAE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **96AE8E**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **DDC4E6**, and **725C7A** is the 20% darker color. If you saturate the color by 10%, you get **A27DAE**, and if you desaturate by 10%, it is **AA9FAE**.

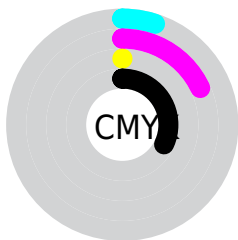
Distribution



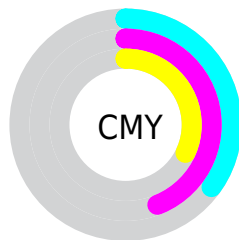
- Red (65%)
- Green (56%)
- Blue (68%)



- Red (65%)
- Yellow (56%)
- Blue (68%)



- Cyan (5%)
- Magenta (18%)
- Yellow (0%)
- Black (32%)



- Cyan (35%)
- Magenta (44%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color A68EAE 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 A68EAE by changing the saturation by 10% instead.



A68EAE



A68EAE

FFFFFF



8C7493



DDC4E6



725C7A



FAE0FF



594461



FFFCFF



412E49



2B1932



18001E



000000



A68EAE



A68EAE



A27DAE



AA9FAE

9D6BAE

AFB1AE

995AAE

B3C2AE

9548AE

B7D4AE

9037AE

BCE5AE

8C26AE

C0F6AE

8814AE

C4FFAE

8303AE

C9FFAE

8300AE

CDFFAE

Harmonies

Analogous

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



9094B8



A68EAE



B58A9E

Triad

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



A68EAE



AA9274



65A0A0

Complementary

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



A68EAE



96AE8E

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.



71A08E



A68EAE



989874

Square

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



A68EAE



B78D7C



849D7E



679EB0

Rectangle

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



A68EAE



BA8992



849D7E



68A09A

Sweetspot

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



A68EAE



E0D5E3



8E96AE



716B73



F2F2F2



737373

Same Dimension

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



A68EAE



D6B1E3



AE8EA6



554E57



710096



110017

Inverse Universe

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



AE8E96



E3B1BE



8EAE96



574E50



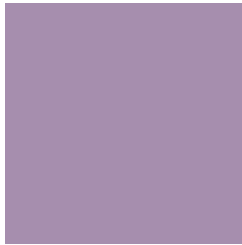
960026



170006

Previews

White Background



This preview shows how the Hex color A68EAE looks on a white background.

Color Contrast Check

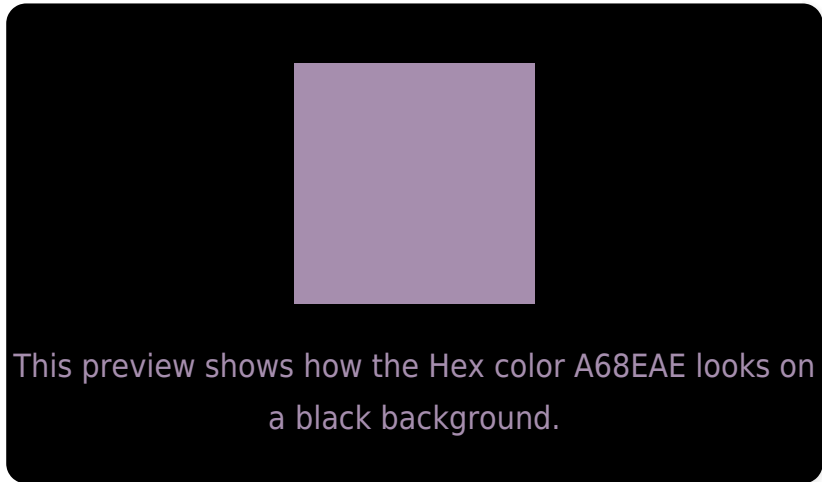
Large Text (above 18pt) WCAG AA × Fail

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

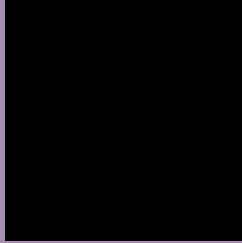
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex A68EAE Background



This preview shows how black text looks on a background with the Hex color A68EAE.



This preview shows how white text looks on a background with the Hex color A68EAE.

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



Original Color
A68EAE

Protanopia
9095B3

Deuteranopia
9A92AD



Tritanopia
A3919C

Trichromacy



Original Color
A68EAE

Protanomaly
9892B1

Deuteranomaly
9E91AD

Tritanomaly
A490A3

Monochromacy



Original Color
A68EAE

Achromatopsia
999999

Achromatomaly
9E95A1

CSS Examples

Text

The CSS property to change the color of the text to Hex A68EAE 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 #A68EAE looks like.

```
.text, #text, p{  
    color:#A68EAE  
}
```

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 #A68EAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A68EAE
}
```

Border

The CSS property to change the border of an element to Hex A68EAE is called "border". The border property can be set on classes, ids or directly on the HTML element.

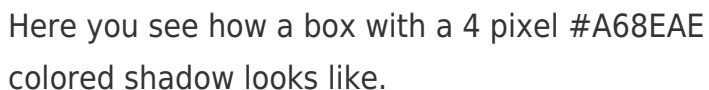
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A68EAE }
```

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

```
.border{ border-color:#A68EAE }
```

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



Here you see how a box with a 4 pixel #A68EAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A68EAE; -webkit-box-shadow:4px 4px  
4px 4px #A68EAE; box-shadow:4px 4px 4px  
4px #A68EAE }
```

Background

The CSS property to change the background color of an element to Hex A68EAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A68EAE }
```

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

```
.background{ background-color:#A68EAE }
```

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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