

Converting Colors

Hex(A68AE0)

Have a look what the booklet for
Hex(A68AE0) contains.

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Color

Hex(A68AE0)

Conversions

Conversions Part 1

Format	Color
Hex	A68AE0
RGB	166, 138, 224
RGB Percent	65%, 54%, 88%
CMY	0.3490, 0.4588, 0.1216
CMYK	0.26, 0.38, 0.00, 0.12
HSL	260°, 58%, 71%
HSV	260°, 38%, 88%
XYZ	38.2689, 31.6658, 74.6161
YIQ	156.1760, -10.9180, 32.6820

Conversions

Conversions Part 2

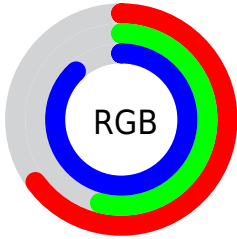
Format	Color
R _Y B	166, 138, 224
Decimal	10914528
CIE _{Lab}	63.07, 28.41, -40.01
CIE _{LCh}	63, 49.068, 305.378
Y _{xy}	31.6658, 0.2647, 0.2191
Android (android.graphics.Color)	4289104608 (0xFFA68AE0)
Y _{UV}	156.1760, 33.4372, 8.6156
Hunter-Lab	56.2723, 22.9152, -39.2268

Details

The Hex color **A68AE0** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **C4E08A**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **DFC0FF**, and **7058A8** is the 20% darker color. If you saturate the color by 10%, you get **9774E0**, and if you desaturate by 10%, it is **B5A0E0**.

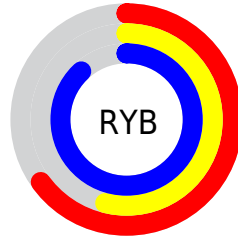
Distribution



Red (65%)

Green (54%)

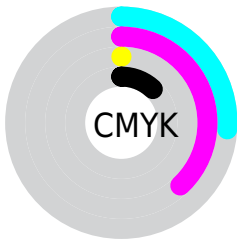
Blue (88%)



Red (65%)

Yellow (54%)

Blue (88%)

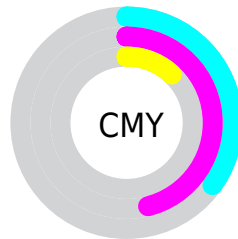


Cyan (26%)

Magenta (38%)

Yellow (0%)

Black (12%)



Cyan (35%)

Magenta (46%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color A68AE0 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 A68AE0 by changing the saturation by 10% instead.

 A68AE0

 A68AE0

FFFFFF

 8B70C4

 DFC0FF

 7058A8

 FCDCFF

 56408E

 FFF8FF

 3C2974

 22145B

 060043

 00032C

 000116

 000000

 A68AE0

 A68AE0

 9774E0

 B5A0E0

 885DE0

 C4B7E0

 7947E0

 D3CDE0

 6A30E0

 E2E4E0

 5A1AE0

 F2FAE0

 4B04E0

 FFFFE0

 4900E0

Harmonies

Analogous

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



589BEF



A68AE0



D57ABE

Triad

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



A68AE0



CF8949



00AF9F

Complementary

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



A68AE0



C4E08A

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.



3EAC73



A68AE0



AA993E

Square

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



A68AE0



E67A68



7DA54E



00ADCA

Rectangle

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



A68AE0



E574A1



7DA54E



00AE90

Sweetspot

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



A68AE0



EAE0FF



8AC5E0



736E80



000000



808080

Same Dimension

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



A68AE0



B08AFF



D08AE0



696570



3900B0



100030

Inverse Universe

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



E08AC4



FF8AD9



9AE08A



70656D



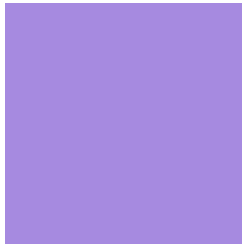
B00077



300021

Previews

White Background



This preview shows how the Hex color A68AE0 looks on a white background.

Color Contrast Check

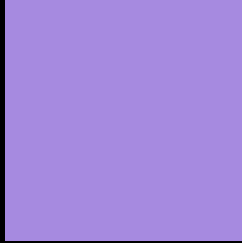
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color A68AE0 looks on a 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 A68AE0 Background



This preview shows how black text looks on a background with the Hex color A68AE0.

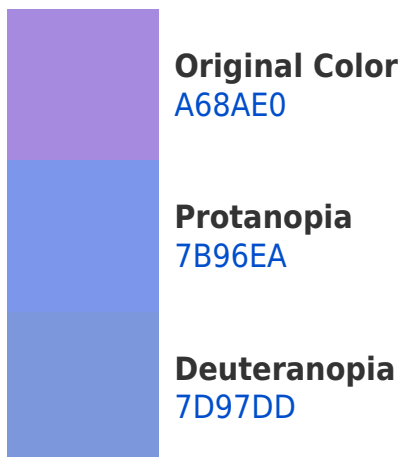


This preview shows how white text looks on a background with the Hex color A68AE0.

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](#).

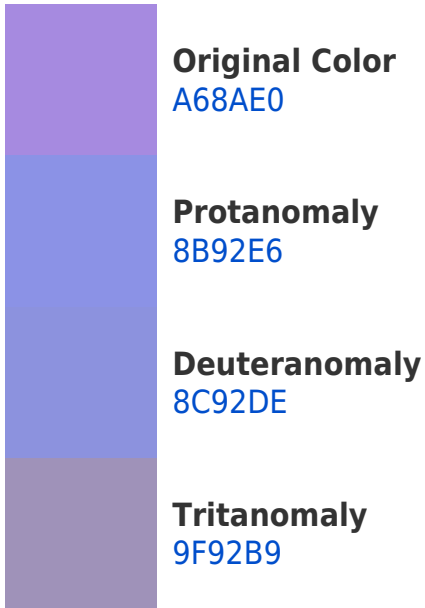
Dichromacy



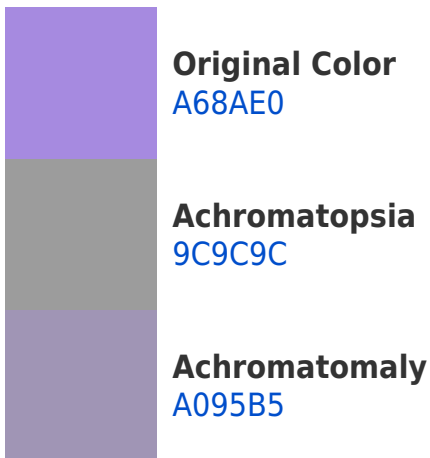


Tritanopia
9B97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A68AE0 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 #A68AE0 looks like.

```
.text, #text, p{  
    color:#A68AE0  
}
```

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 #A68AE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A68AE0  
}
```

Border

The CSS property to change the border of an element to Hex A68AE0 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  
#A68AE0 }
```

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

```
.border{ border-color:#A68AE0 }
```

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

Here you see how a box with a 4 pixel #A68AE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A68AE0; -webkit-box-shadow:4px 4px  
4px 4px #A68AE0; box-shadow:4px 4px 4px  
4px #A68AE0 }
```

Background

The CSS property to change the background color of an element to Hex A68AE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A68AE0 }
```

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

```
.background{ background-color:#A68AE0 }
```

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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