

Converting Colors

Hex(AAB4E8)

Have a look what the booklet for
Hex(AAB4E8) contains.

Hex(AAB4E8)	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(AAB4E8)

Conversions

Conversions Part 1

Format	Color
Hex	AAB4E8
RGB	170, 180, 232
RGB Percent	67%, 71%, 91%
CMY	0.3333, 0.2941, 0.0902
CMYK	0.27, 0.22, 0.00, 0.09
HSL	230°, 57%, 79%
HSV	230°, 27%, 91%
XYZ	47.4643, 47.0148, 82.9170
YIQ	182.9380, -22.6520, 14.0520

Conversions

Conversions Part 2

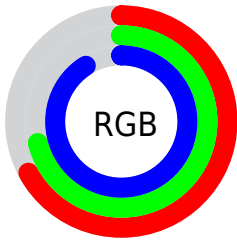
Format	Color
R_{YB}	170, 179, 232
Decimal	11187432
CIE Lab	74.20, 7.90, -27.12
CIE LCh	74, 28.248, 286.231
Yxy	47.0148, 0.2676, 0.2650
Android (android.graphics.Color)	4289377512 (0xFFAAB4E8)
YUV	182.9380, 24.1876, -11.3466
Hunter-Lab	68.5673, 3.5702, -23.7011

Details

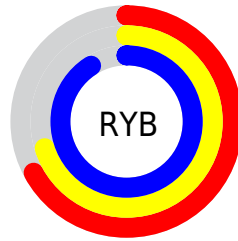
The Hex color **AAB4E8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E8DEAA**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **E2ECFF**, and **747FB0** is the 20% darker color. If you saturate the color by 10%, you get **93A1E8**, and if you desaturate by 10%, it is **C1C7E8**.

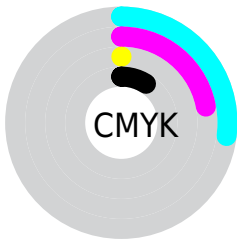
Distribution



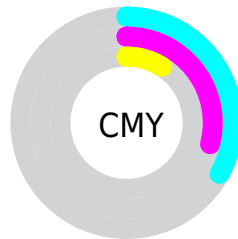
- Red (67%)
- Green (71%)
- Blue (91%)



- Red (67%)
- Yellow (70%)
- Blue (91%)



- Cyan (27%)
- Magenta (22%)
- Yellow (0%)
- Black (9%)



- Cyan (33%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAB4E8 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 AAB4E8 by changing the saturation by 10% instead.

■ AAB4E8

■ AAB4E8

FFFFFF

■ 8F99CC

■ E2ECFF

■ 747FB0

■ 5B6695

■ 424F7B

■ 293862

■ 0D234A

■ 000D33

■ 00021E

■ 000000

 AAB4E8

 AAB4E8

 93A1E8

 C1C7E8

 7C8DE8

 D8DBE8

 647AE8

 F0EEE8

 4D66E8

 FFFFE8

 3653E8

 1F3FE8

 082CE8

 0025E8

Harmonies

Analogous

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



85BCE8



AAB4E8



CCABDB

Triad

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



AAB4E8



E6A992



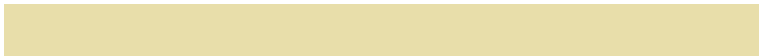
80C4A9

Complementary

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



AAB4E8



E8DEAA

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.



9DC092



AAB4E8



D4B184

Square

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



AAB4E8



EBA4A9



BBB984



6BC5C4

Rectangle

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



AAB4E8



DCA6CC



BBB984



89C3A1

Sweetspot

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



AAB4E8



EBEEFF



AAE8DE



737580



000000



808080

Same Dimension

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



AAB4E8



ADBBFF



BFAAE8



676973



001DB3



000833

Inverse Universe

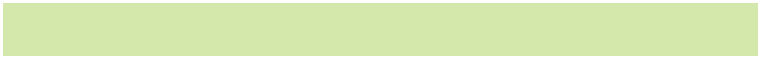
The Inverse Universe completely reimagines the original color for something new.



E8AAB4



FFADBB



D3E8AA



736769



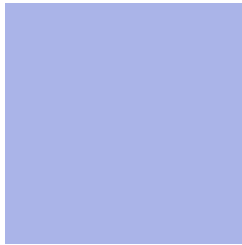
B3001D



330008

Previews

White Background



This preview shows how the Hex color AAB4E8 looks on a white background.

Color Contrast Check

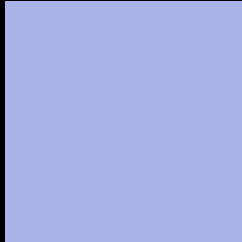
Large Text (above 18pt) WCAG AA × Fail

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 AAB4E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

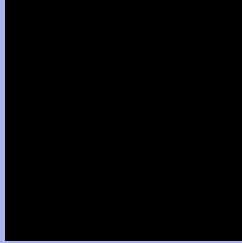
Any Text WCAG AA ✓ Pass

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 AAB4E8 Background



This preview shows how black text looks on a background with the Hex color AAB4E8.



This preview shows how white text looks on a background with the Hex color AAB4E8.

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](#).

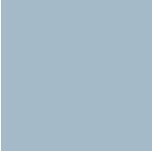
Dichromacy



Original Color
AAB4E8

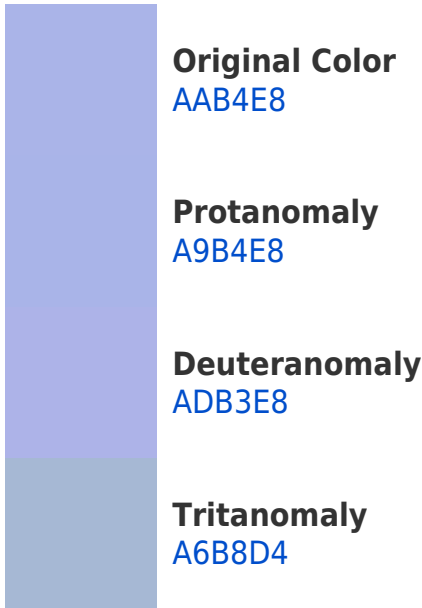
Protanopia
A9B4E8

Deuteranopia
AEB3E8

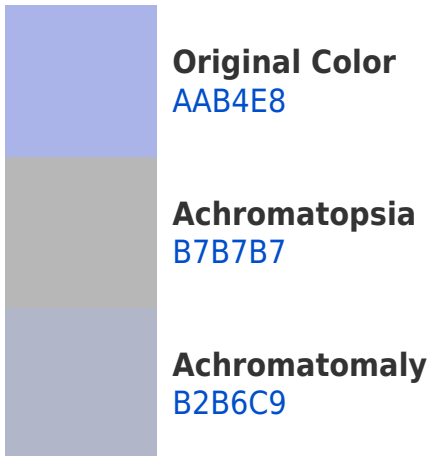


Tritanopia
A4BAC8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AAB4E8 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 #AAB4E8 looks like.

```
.text, #text, p{  
    color:#AAB4E8  
}
```

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 #AAB4E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAB4E8
}
```

Border

The CSS property to change the border of an element to Hex AAB4E8 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
#AAB4E8 }
```

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

```
.border{ border-color:#AAB4E8 }
```

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

Here you see how a box with a 4 pixel #AAB4E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAB4E8; -webkit-box-shadow:4px 4px  
4px 4px #AAB4E8; box-shadow:4px 4px 4px  
4px #AAB4E8 }
```

Background

The CSS property to change the background color of an element to Hex AAB4E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAB4E8 }
```

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

```
.background{ background-color:#AAB4E8 }
```

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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