

# Converting Colors

Hex(AAB4E2)

Have a look what the booklet for  
Hex(AAB4E2) contains.

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# **Color**

**Hex(AAB4E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAB4E2
RGB	170, 180, 226
RGB Percent	67%, 71%, 89%
CMY	0.3333, 0.2941, 0.1137
CMYK	0.25, 0.20, 0.00, 0.11
HSL	229°, 49%, 78%
HSV	229°, 25%, 89%
XYZ	46.6263, 46.6796, 78.5041
YIQ	182.2540, -20.7260, 12.1860

# Conversions

## Conversions Part 2

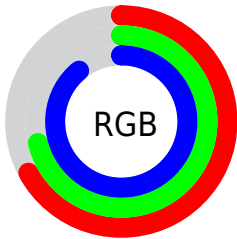
Format	Color
<a href="#">RYB</a>	<a href="#">170, 178, 226</a>
Decimal	<a href="#">11187426</a>
CIELab	<a href="#">73.98, 6.47, -24.19</a>
CIElCh	<a href="#">74, 25.044, 284.980</a>
Yxy	<a href="#">46.6796, 0.2714, 0.2717</a>
Android (android.graphics.Color)	<a href="#">4289377506</a> ( <a href="#">0xFFAAB4E2</a> )
YUV	<a href="#">182.2540, 21.5668, -10.7468</a>
Hunter-Lab	<a href="#">68.3224, 2.2521, -20.2999</a>

# Details

The Hex color **AAB4E2** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E2D8AA**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **E2ECFF**, and **757FAB** is the 20% darker color. If you saturate the color by 10%, you get **93A1E2**, and if you desaturate by 10%, it is **C1C7E2**.

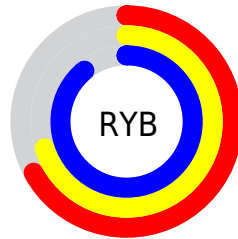
# Distribution



Red (67%)

Green (71%)

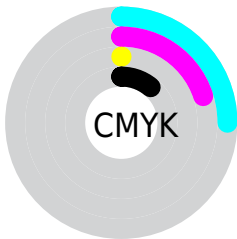
Blue (89%)



Red (67%)

Yellow (70%)

Blue (89%)

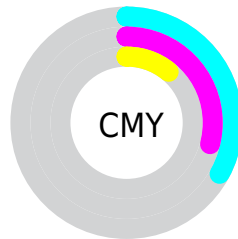


Cyan (25%)

Magenta (20%)

Yellow (0%)

Black (11%)



Cyan (33%)

Magenta (29%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAB4E2 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 AAB4E2 by changing the saturation by 10% instead.



 AAB4E2

 AAB4E2

FFFFFF

 8F99C6

 E2ECFF

 757FAB

 5B6690

 424E76

 2A385D

 102346

 000C2F

 00011A

 000000

 AAB4E2

 AAB4E2

 93A1E2

 C1C7E2

 7D8FE2

 D7D9E2

 667CE2

 EEECE2

 506AE2

 FFFEE2

 3957E2

 FFFF E2

 2245E2

 0C32E2

 0028E2

# Harmonies

## Analogous

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



8BBBE2



AAB4E2



C8ACD7

# Triad

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



AAB4E2



E1A996



88C2A9

# Complementary

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



AAB4E2



E2D8AA

# 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.



A1BE95



AAB4E2



D2B08A

# Square

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



AAB4E2



E5A5AB



BBB889



76C3C1

# Rectangle

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



AAB4E2



D7A8CA



BBB889



90C1A2



# Sweetspot

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



AAB4E2



EDF0FF



AAE2D8



757780



000000



808080



# Same Dimension

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



AAB4E2



B3C0FF



BCAAE2



656770



001FB0



000930



# Inverse Universe

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



E2AAB4



FFB3C0



D0E2AA



706567



B0001F

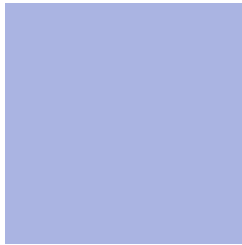


300009



# Previews

## White Background



This preview shows how the Hex color AAB4E2 looks on a white background.

## Color Contrast Check

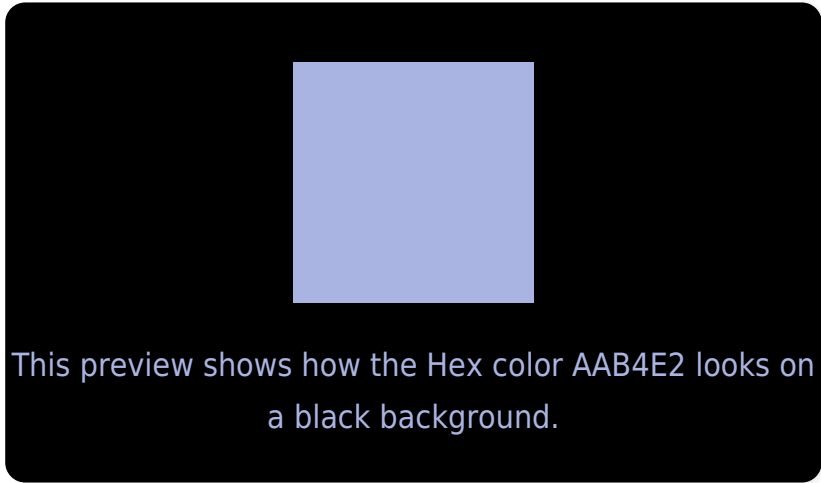
Large Text (above 18pt) WCAG AA × Fail

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

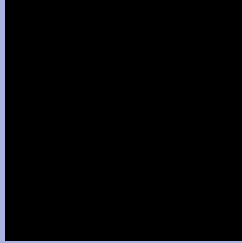
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AAB4E2 Background



This preview shows how black text looks on a background with the Hex color AAB4E2.



This preview shows how white text looks on a background with the Hex color AAB4E2.

# 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**  
AAB4E2

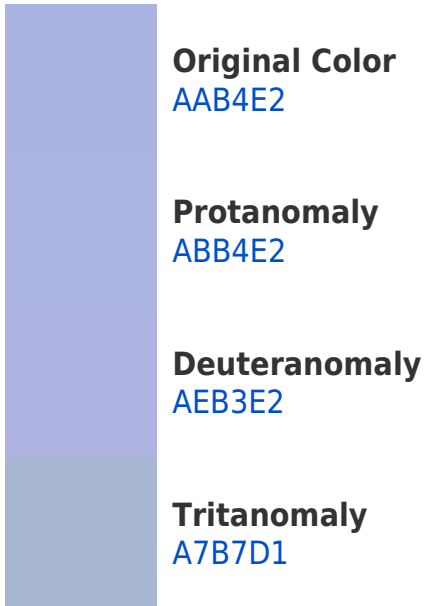
**Protanopia**  
ABB4E2

**Deuteranopia**  
B0B2E2

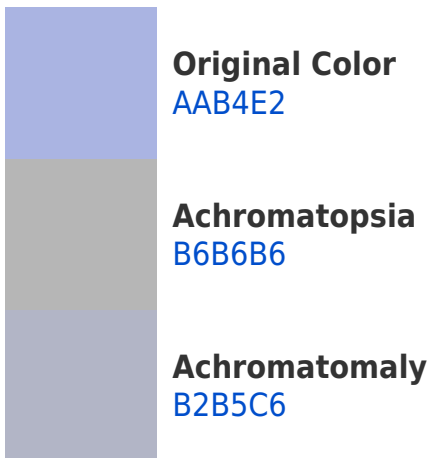


**Tritanopia**  
A5B9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAB4E2 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 #AAB4E2 looks like.

```
.text, #text, p{  
    color:#AAB4E2  
}
```

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 #AAB4E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAB4E2
}
```

## Border

The CSS property to change the border of an element to Hex AAB4E2 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
#AAB4E2 }
```

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

```
.border{ border-color:#AAB4E2 }
```

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

Here you see how a box with a 4 pixel #AAB4E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAB4E2; -webkit-box-shadow:4px 4px  
4px 4px #AAB4E2; box-shadow:4px 4px 4px  
4px #AAB4E2 }
```

# Background

The CSS property to change the background color of an element to Hex AAB4E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAB4E2 }
```

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

```
.background{ background-color:#AAB4E2 }
```

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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