

# Converting Colors

Hex(AAB2E7)

Have a look what the booklet for  
Hex(AAB2E7) contains.

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# **Color**

**Hex(AAB2E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAB2E7
RGB	170, 178, 231
RGB Percent	67%, 70%, 91%
CMY	0.3333, 0.3020, 0.0941
CMYK	0.26, 0.23, 0.00, 0.09
HSL	232°, 56%, 79%
HSV	232°, 26%, 91%
XYZ	46.9218, 46.1564, 82.0373
YIQ	181.6500, -21.7810, 14.7870

# Conversions

## Conversions Part 2

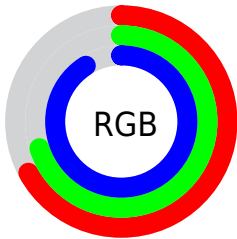
Format	Color
<a href="#">RYB</a>	<a href="#">170, 177, 231</a>
Decimal	<a href="#">11186919</a>
CIELab	<a href="#">73.65, 8.76, -27.43</a>
CIELCh	<a href="#">74, 28.791, 287.712</a>
Yxy	<a href="#">46.1564, 0.2679, 0.2636</a>
Android (android.graphics.Color)	<a href="#">4289376999</a> ( <a href="#">0xFFAAB2E7</a> )
YUV	<a href="#">181.6500, 24.3296, -10.2170</a>
Hunter-Lab	<a href="#">67.9385, 4.3889, -24.0372</a>

# Details

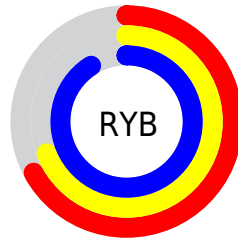
The Hex color **AAB2E7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E7DFAA**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **E2EAFF**, and **747DAF** is the 20% darker color. If you saturate the color by 10%, you get **939EE7**, and if you desaturate by 10%, it is **C1C6E7**.

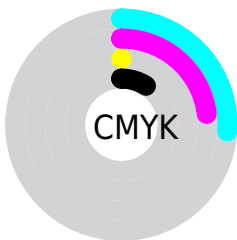
# Distribution



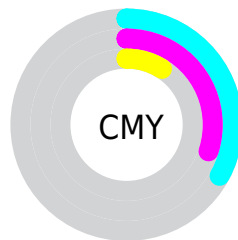
- Red (67%)
- Green (70%)
- Blue (91%)



- Red (67%)
- Yellow (69%)
- Blue (91%)



- Cyan (26%)
- Magenta (23%)
- Yellow (0%)
- Black (9%)



- Cyan (33%)
- Magenta (30%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAB2E7 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 AAB2E7 by changing the saturation by 10% instead.



 AAB2E7

 AAB2E7

FFFFFF

 8F97CB

 E2EAFF

 747DAF

 5B6594

 424D7B

 293661

 0D2149

 000A33

 00021D

 000000

 AAB2E7

 AAB2E7

 939EE7

 C1C6E7

 7C8AE7

 D8DAE7

 6576E7

 EFEEE7

 4E62E7

 FFFFE7

 364EE7

 1F3AE7

 0826E7

 001EE7

# Harmonies

## Analogous

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



84BBE8



AAB2E7



CCA9D9

# Triad

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



AAB2E7



E4A78F



7CC3A9

# Complementary

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



AAB2E7



E7DFAA

# 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.



9ABF91



AAB2E7



D2B082

# Square

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



AAB2E7



EAA2A6



B8B882



67C4C4

# Rectangle

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



AAB2E7



DDA4CA



B8B882



86C2A0



# Sweetspot

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



AAB2E7



EBEDFF



AAE7DF



737480



000000



808080



# Same Dimension

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



AAB2E7



ADB8FF



C0AAE7



676973



0017B3



000733



# Inverse Universe

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



E7AAB2



FFADB8



D1E7AA



736769



B30017

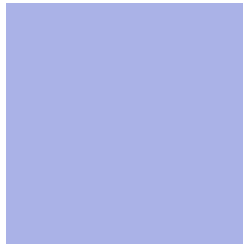


330007



# Previews

## White Background



This preview shows how the Hex color AAB2E7 looks on a white background.

## Color Contrast Check

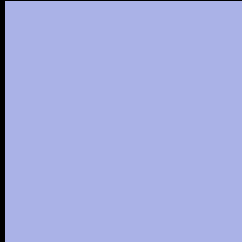
Large Text (above 18pt) WCAG AA × Fail

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 AAB2E7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

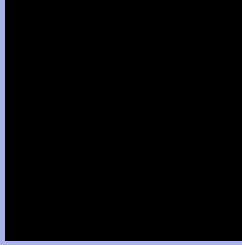
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AAB2E7 Background



This preview shows how black text looks on a background with the Hex color AAB2E7.



This preview shows how white text looks on a background with the Hex color AAB2E7.

# 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**  
AAB2E7

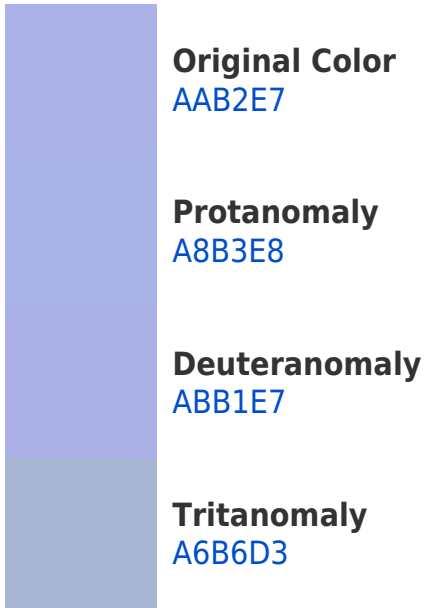
**Protanopia**  
A7B3E8

**Deuteranopia**  
ACB1E7

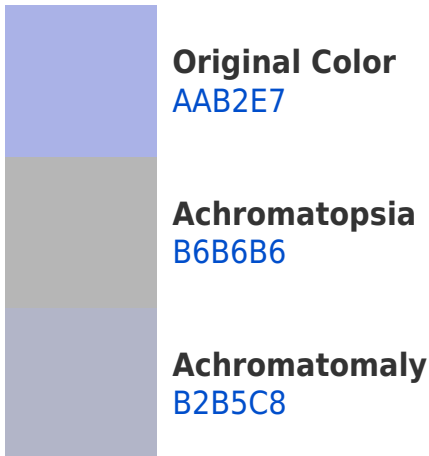


**Tritanopia**  
A3B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAB2E7 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 #AAB2E7 looks like.

```
.text, #text, p{  
    color:#AAB2E7  
}
```

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 #AAB2E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAB2E7  
}
```

## Border

The CSS property to change the border of an element to Hex AAB2E7 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  
#AAB2E7 }
```

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

```
.border{ border-color:#AAB2E7 }
```

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

Here you see how a box with a 4 pixel #AAB2E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAB2E7; -webkit-box-shadow:4px 4px  
4px 4px #AAB2E7; box-shadow:4px 4px 4px  
4px #AAB2E7 }
```

# Background

The CSS property to change the background color of an element to Hex AAB2E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAB2E7 }
```

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

```
.background{ background-color:#AAB2E7 }
```

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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