

# Converting Colors

Hex(AAAAE7)

Have a look what the booklet for  
Hex(AAAAE7) contains.

<b>Hex(AAAAE7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(AAAAE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAAAE7
RGB	170, 170, 231
RGB Percent	67%, 67%, 91%
CMY	0.3333, 0.3333, 0.0941
CMYK	0.26, 0.26, 0.00, 0.09
HSL	240°, 56%, 79%
HSV	240°, 26%, 91%
XYZ	45.3761, 43.0650, 81.5221
YIQ	176.9540, -19.5810, 18.9710

# Conversions

## Conversions Part 2

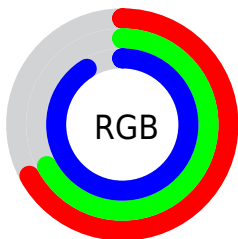
Format	Color
<b>RYB</b>	170, 170, 231
Decimal	11184871
CIELab	71.60, 13.20, -30.58
CIELCh	72, 33.302, 293.348
Yxy	43.0650, 0.2670, 0.2534
Android (android.graphics.Color)	4289374951 (0xFFAAAAE7)
YUV	176.9540, 26.6447, -6.0987
Hunter-Lab	65.6239, 8.5831, -27.7169

# Details

The Hex color **AAAAE7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E7E7AA**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **E2E1FF**, and **7476AF** is the 20% darker color. If you saturate the color by 10%, you get **9393E7**, and if you desaturate by 10%, it is **C1C1E7**.

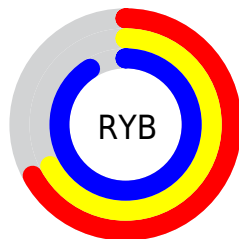
# Distribution



Red (67%)

Green (67%)

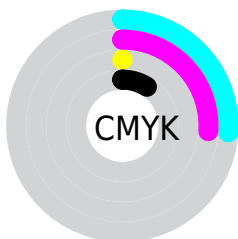
Blue (91%)



Red (67%)

Yellow (67%)

Blue (91%)

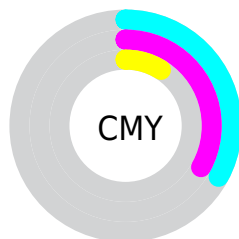


Cyan (26%)

Magenta (26%)

Yellow (0%)

Black (9%)



Cyan (33%)

Magenta (33%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAAAE7 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 AAAAE7 by changing the saturation by 10% instead.



■ AAAAE7

■ AAAAE7

FFFFFF

■ 8F90CB

■ E2E1FF

■ 7476AF

FFFEFF

■ 5B5D94

■ 41467A

■ 283061

■ 0C1B49

■ 000032

■ 00021D

■ 000000

AAAAE7

AAAAE7

9393E7

C1C1E7

7C7CE7

D8D8E7

6565E7

EFEFE7

4E4EE7

FFFFE7

3636E7

1F1FE7

0808E7

0000E7

# Harmonies

## Analogous

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



7CB4EB



AAAAE7



D0A0D4

# Triad

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



AAAAE7



E1A180



65C0A7

# Complementary

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



AAAAE7



E7E7AA

# 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.



89BC8A



AAAAE7



CBAB73

# Square

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



AAAAE7



EC9A99



ACB577



49C0C6

# Rectangle

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



AAAAE7



E09AC2



ACB577



71BF9D



# Sweetspot

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



AAAAE7



EBEBFF



AAE7E7



737380



000000



808080



# Same Dimension

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



AAAAE7



ADADFF



C9AAE7



676773



0000B3



000033



# Inverse Universe

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



E7AAE7



FFADFF



C9E7AA



736773



B300B3

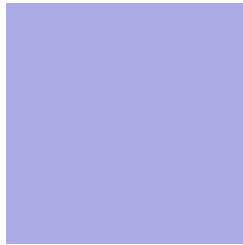


330033



# Previews

## White Background



This preview shows how the Hex color #AAAAE7 looks on a white background.

## Color Contrast Check

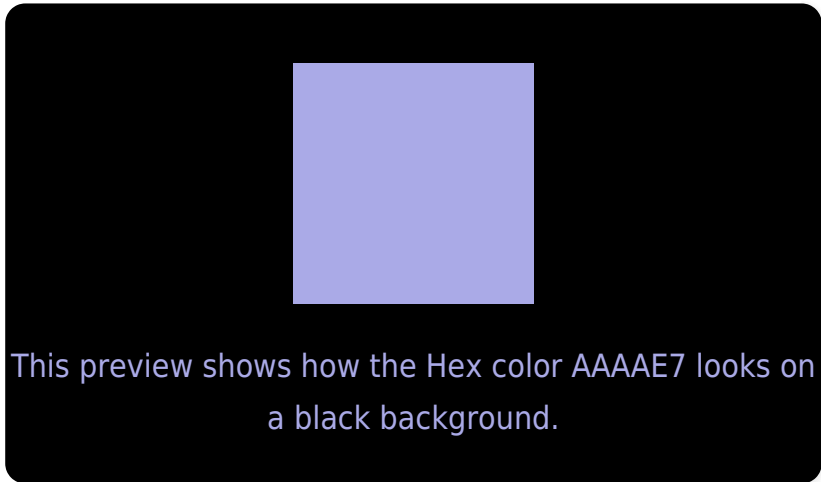
Large Text (above 18pt) WCAG AA × Fail

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

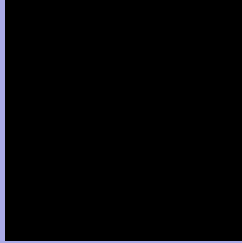
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AAAAE7 Background



This preview shows how black text looks on a background with the Hex color AAAAE7.

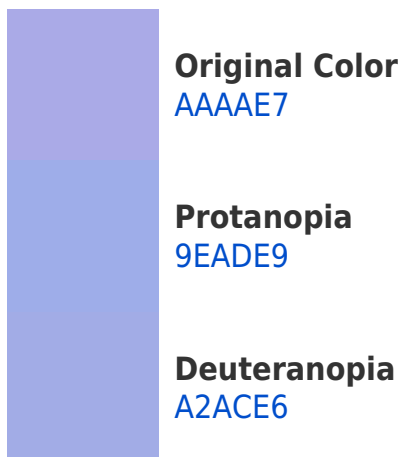


This preview shows how white text looks on a background with the Hex color AAAAE7.

# Color Blindness Simulation

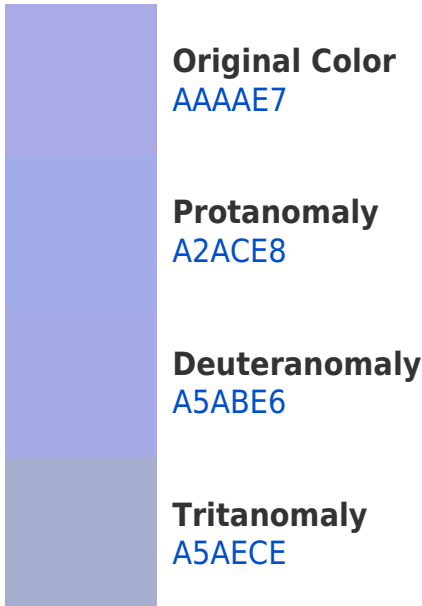
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

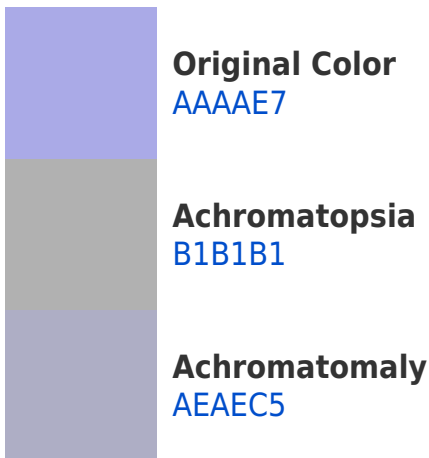




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAAAAE7 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 #AAAAE7 looks like.

```
.text, #text, p{  
    color:#AAAAE7  
}
```

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 #AAAAE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAAAE7
}
```

## Border

The CSS property to change the border of an element to Hex AAAAE7 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
#AAAAE7 }
```

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

```
.border{ border-color:#AAAAE7 }
```

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

Here you see how a box with a 4 pixel #AAAAE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAAAE7; -webkit-box-shadow:4px 4px  
4px 4px #AAAAE7; box-shadow:4px 4px 4px  
4px #AAAAE7 }
```

# Background

The CSS property to change the background color of an element to Hex AAAAE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAAAE7 }
```

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

```
.background{ background-color:#AAAAE7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor