

Converting Colors

Hex(AAA7EC)

Have a look what the booklet for
Hex(AAA7EC) contains.

Hex(AAA7EC)	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(AAA7EC)

Conversions

Conversions Part 1

Format	Color
Hex	AAA7EC
RGB	170, 167, 236
RGB Percent	67%, 65%, 93%
CMY	0.3333, 0.3451, 0.0745
CMYK	0.28, 0.29, 0.00, 0.07
HSL	243°, 64%, 79%
HSV	243°, 29%, 93%
XYZ	45.5366, 42.2396, 85.1099
YIQ	175.7630, -20.3610, 22.0950

Conversions

Conversions Part 2

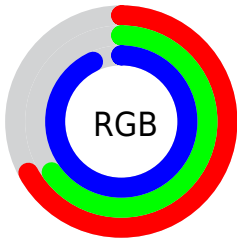
Format	Color
R _Y B	170, 167, 236
Decimal	11184108
CIE Lab	71.04, 16.09, -34.17
CIE LCh	71, 37.769, 295.208
Yxy	42.2396, 0.2634, 0.2443
Android (android.graphics.Color)	4289374188 (0xFFAAA7EC)
YUV	175.7630, 29.6968, -5.0542
Hunter-Lab	64.9920, 11.3299, -32.1485

Details

The Hex color **AAA7EC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E9ECA7**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **E2DEFF**, and **7473B4** is the 20% darker color. If you saturate the color by 10%, you get **938FEC**, and if you desaturate by 10%, it is **C1BFEC**.

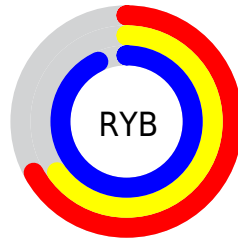
Distribution



Red (67%)

Green (65%)

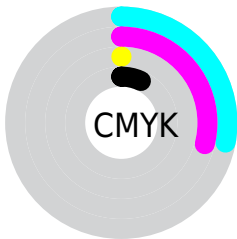
Blue (93%)



Red (67%)

Yellow (65%)

Blue (93%)

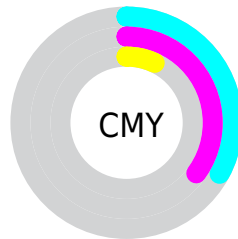


Cyan (28%)

Magenta (29%)

Yellow (0%)

Black (7%)



Cyan (33%)

Magenta (35%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAA7EC 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 AAA7EC by changing the saturation by 10% instead.

■ AAA7EC

■ AAA7EC

FFFFFF

■ 8F8DD0

■ E2DEFF

■ 7473B4

■ FFFBFF

■ 5A5B99

■ 40437F

■ 262D65

■ 07194D

■ 000036

■ 000220

■ 000004

■ AAA7EC

■ AAA7EC

■ 938FEC

■ C1BFEC

■ 7D78EC

■ D7D6EC

■ 6660EC

■ EEEEEC

■ 5049EC

■ FFFFEC

■ 3931EC

■ 2319EC

■ 0C02EC

■ 0A00EC

Harmonies

Analogous

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



73B3F2



AAA7EC



D49BD6

Triad

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



AAA7EC



E49E77



51C0A7

Complementary

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



AAA7EC



E9ECA7

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.



7FBC85



AAA7EC



CAAA69

Square

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



AAA7EC



F19592



A7B56E



22C0CA

Rectangle

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



AAA7EC



E695C0



A7B56E



61BF9B

Sweetspot

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



AAA7EC



E9E8FF



A7EAEC



727180



000000



808080

Same Dimension

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



AAA7EC



AAA6FF



CCA7EC



6A6A75



0800B5



020036

Inverse Universe

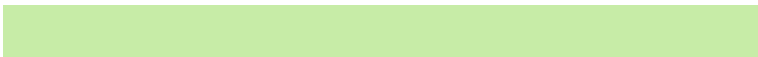
The Inverse Universe completely reimagines the original color for something new.



ECA7E9



FFA6FB



C7ECA7



756A75



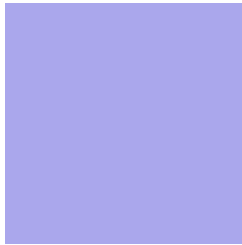
B500AD



360033

Previews

White Background



This preview shows how the Hex color AAA7EC looks on a white background.

Color Contrast Check

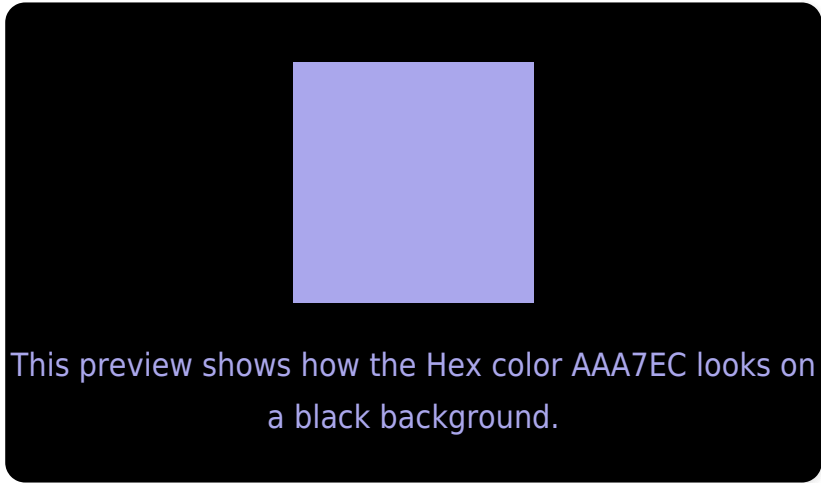
Large Text (above 18pt) WCAG AA × Fail

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

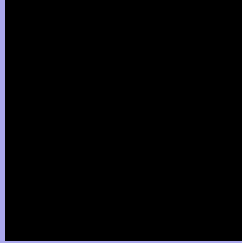
Any Text WCAG AA ✓ Pass

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 AAA7EC Background



This preview shows how black text looks on a background with the Hex color AAA7EC.



This preview shows how white text looks on a background with the Hex color AAA7EC.

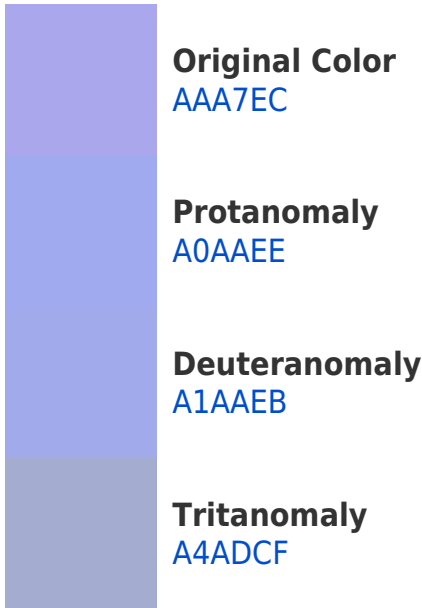
Color Blindness Simulation

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](#).

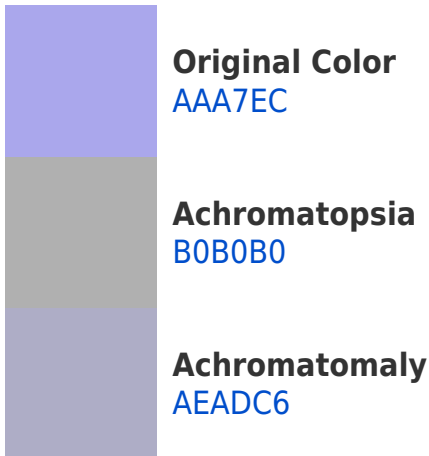
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AAA7EC 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 #AAA7EC looks like.

```
.text, #text, p{  
    color:#AAA7EC  
}
```

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 #AAA7EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAA7EC  
}
```

Border

The CSS property to change the border of an element to Hex AAA7EC 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  
#AAA7EC }
```

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

```
.border{ border-color:#AAA7EC }
```

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

Here you see how a box with a 4 pixel #AAA7EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAA7EC; -webkit-box-shadow:4px 4px  
4px 4px #AAA7EC; box-shadow:4px 4px 4px  
4px #AAA7EC }
```

Background

The CSS property to change the background color of an element to Hex AAA7EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAA7EC }
```

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

```
.background{ background-color:#AAA7EC }
```

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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