

Converting Colors

Hex(AAA4E2)

Have a look what the booklet for
Hex(AAA4E2) contains.

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Color

Hex(AAA4E2)

Conversions

Conversions Part 1

Format	Color
Hex	AAA4E2
RGB	170, 164, 226
RGB Percent	67%, 64%, 89%
CMY	0.3333, 0.3569, 0.1137
CMYK	0.25, 0.27, 0.00, 0.11
HSL	246°, 52%, 76%
HSV	246°, 27%, 89%
XYZ	43.5805, 40.5880, 77.4888
YIQ	172.8620, -16.3260, 20.5540

Conversions

Conversions Part 2

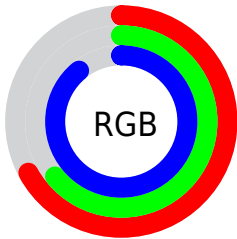
Format	Color
RYB	170, 164, 226
Decimal	11183330
CIELab	69.89, 15.36, -30.48
CIELCh	70, 34.132, 296.739
Yxy	40.5880, 0.2696, 0.2511
Android (android.graphics.Color)	4289373410 (0xFFAAA4E2)
YUV	172.8620, 26.1970, -2.5100
Hunter-Lab	63.7087, 10.6143, -27.5183

Details

The Hex color **AAA4E2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DCE2A4**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **E2DBFF**, and **7570AA** is the 20% darker color. If you saturate the color by 10%, you get **968DE2**, and if you desaturate by 10%, it is **BEBBE2**.

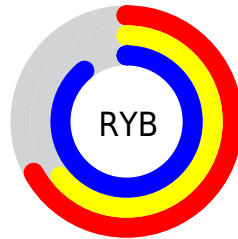
Distribution



Red (67%)

Green (64%)

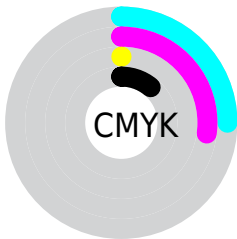
Blue (89%)



Red (67%)

Yellow (64%)

Blue (89%)

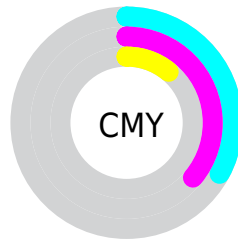


Cyan (25%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (33%)

Magenta (36%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAA4E2 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 AAA4E2 by changing the saturation by 10% instead.

■ AAA4E2

■ AAA4E2

FFFFFF

■ 8F8AC6

■ E2DBFF

■ 7570AA

■ FFF7FF

■ 5B5890

■ 424176

■ 292B5D

■ 0E1645

■ 00002F

■ 000119

■ 000000

■ AAA4E2

■ AAA4E2

■ 968DE2

■ BEBBE2

■ 8177E2

■ D3D1E2

■ 6D60E2

■ E7E8E2

■ 584AE2

■ FCFEE2

■ 4433E2

■ FFFFE2

■ 301CE2

■ 1B06E2

■ 1600E2

Harmonies

Analogous

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



7BAFE8



AAA4E2



CF99CD

Triad

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



AAA4E2



DB9D78



59BBA6

Complementary

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



AAA4E2



DCE2A4

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.



7FB888



AAA4E2



C3A86D

Square

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



AAA4E2



E79590



A3B173



3CBBC6

Rectangle

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



AAA4E2



DF95BA



A3B173



66BB9C

Sweetspot

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



AAA4E2



EDEBFF



A4DDE2



747380



000000



808080

Same Dimension

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



AAA4E2



B3ABFF



C8A4E2



666570



1100B0



050030

Inverse Universe

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



E2A4DC



FFABF7



BEE2A4



70656F



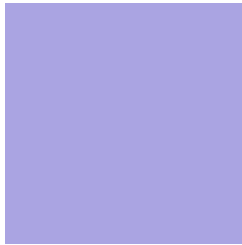
B0009F



30002C

Previews

White Background



This preview shows how the Hex color AAA4E2 looks on a white background.

Color Contrast Check

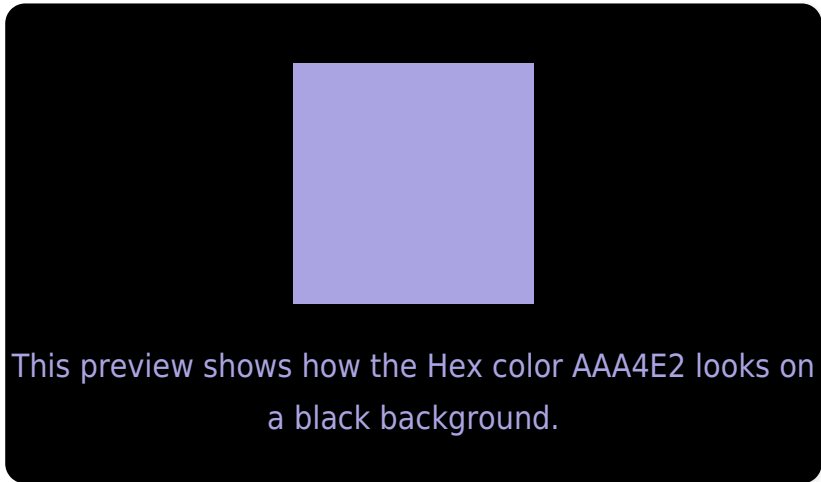
Large Text (above 18pt) WCAG AA × Fail

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

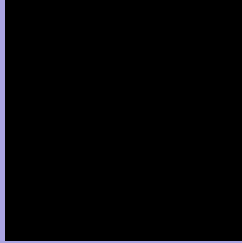
Any Text WCAG AA ✓ Pass

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 AAA4E2 Background



This preview shows how black text looks on a background with the Hex color AAA4E2.

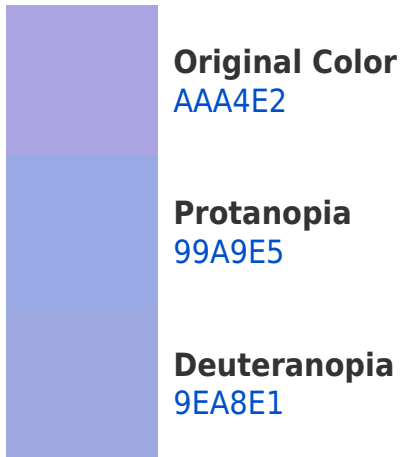


This preview shows how white text looks on a background with the Hex color AAA4E2.

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](#).

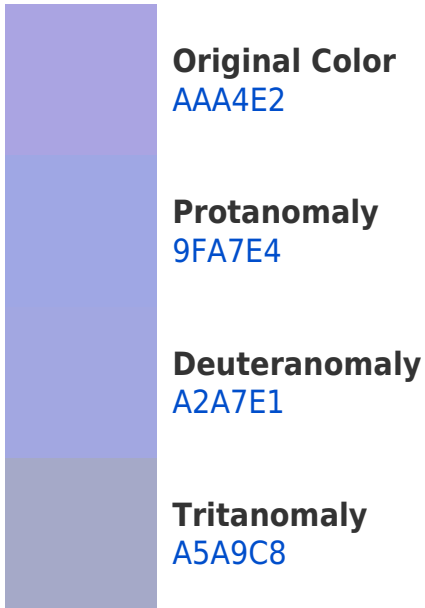
Dichromacy



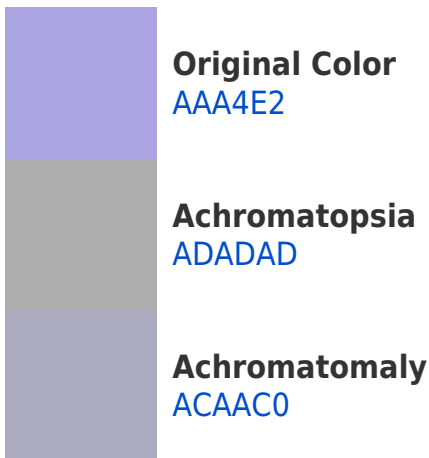


Tritanopia
A2ACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AAA4E2 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 #AAA4E2 looks like.

```
.text, #text, p{  
    color:#AAA4E2  
}
```

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 #AAA4E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAA4E2
}
```

Border

The CSS property to change the border of an element to Hex AAA4E2 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
#AAA4E2 }
```

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

```
.border{ border-color:#AAA4E2 }
```

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

Here you see how a box with a 4 pixel #AAA4E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAA4E2; -webkit-box-shadow:4px 4px  
4px 4px #AAA4E2; box-shadow:4px 4px 4px  
4px #AAA4E2 }
```

Background

The CSS property to change the background color of an element to Hex AAA4E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAA4E2 }
```

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

```
.background{ background-color:#AAA4E2 }
```

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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