

Converting Colors

Hex(99AEDA)

Have a look what the booklet for
Hex(99AEDA) contains.

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Color

Hex(99AEDA)

Conversions

Conversions Part 1

Format	Color
Hex	99AEDA
RGB	153, 174, 218
RGB Percent	60%, 68%, 85%
CMY	0.4000, 0.3176, 0.1451
CMYK	0.30, 0.20, 0.00, 0.15
HSL	221°, 47%, 73%
HSV	221°, 30%, 85%
XYZ	40.9278, 42.1064, 72.2999
YIQ	172.7370, -26.6400, 9.2320

Conversions

Conversions Part 2

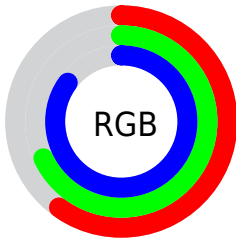
Format	Color
R _{YB}	153, 169, 218
Decimal	10071770
CIE Lab	70.94, 2.81, -24.58
CIE LCh	71, 24.740, 276.521
Yxy	42.1064, 0.2635, 0.2711
Android (android.graphics.Color)	4288261850 (0xFF99AEDA)
YUV	172.7370, 22.3147, -17.3093
Hunter-Lab	64.8894, -0.9709, -20.6384

Details

The Hex color **99AEDA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DAC599**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **D1E5FF**, and **647AA3** is the 20% darker color. If you saturate the color by 10%, you get **839FDA**, and if you desaturate by 10%, it is **AFBDDA**.

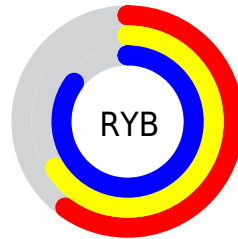
Distribution



Red (60%)

Green (68%)

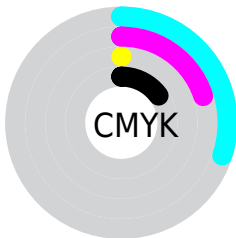
Blue (85%)



Red (60%)

Yellow (66%)

Blue (85%)

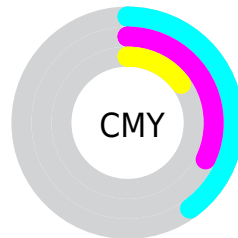


Cyan (30%)

Magenta (20%)

Yellow (0%)

Black (15%)



Cyan (40%)

Magenta (32%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99AEDA 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 99AEDA by changing the saturation by 10% instead.

■ 99AEDA

FFFFFF

■ D1E5FF

■ EDFFFF

■ 99AEDA

■ 7E93BE

■ 647AA3

■ 4B6189

■ 31496F

■ 173356

■ 001E3F

■ 000429

■ 000113

■ 000000

■ 99AEDA

■ 99AEDA

■ 839FDA

■ AFBDDA

■ 6D90DA

■ C5CCDA

■ 5882DA

■ DADADA

■ 4273DA

■ F0E9DA

■ 2C64DA

■ FFF8DA

■ 1655DA

■ FFFFDA

■ 0047DA

■ 0046DA

Harmonies

Analogous

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



7CB5D6



99AEDA



B8A6D2

Triad

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



99AEDA



DAA094



87B99B

Complementary

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



99AEDA



DAC599

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.



A0B489



99AEDA



CEA685

Square

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



99AEDA



DB9DA9



B9AE81



72BAB2

Rectangle

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



99AEDA



C8A2C7



B9AE81



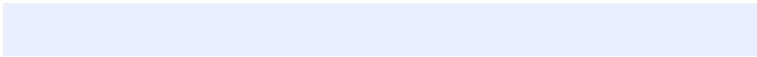
8FB894

Sweetspot

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



99AEDA



E8EFFF



99DAC4



717680



000000



808080

Same Dimension

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



99AEDA



A3C1FF



A499DA



63666E



0038AD



000F2E

Inverse Universe

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



DA99AE



FFA3C1



CFDA99



6E6366



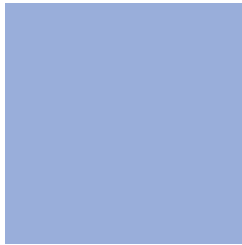
AD0038



2E000F

Previews

White Background



This preview shows how the Hex color 99AEDA looks on a white background.

Color Contrast Check

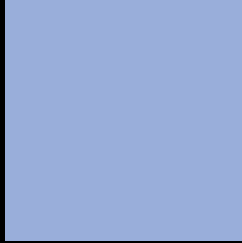
Large Text (above 18pt) WCAG AA × Fail

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 99AEDA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

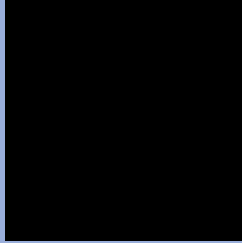
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

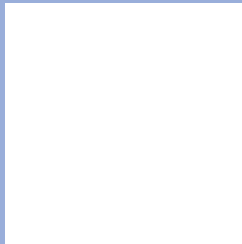
Any Text WCAG AAA ✓ Pass

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

Hex 99AEDA Background



This preview shows how black text looks on a background with the Hex color 99AEDA.



This preview shows how white text looks on a background with the Hex color 99AEDA.

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
99AEDA

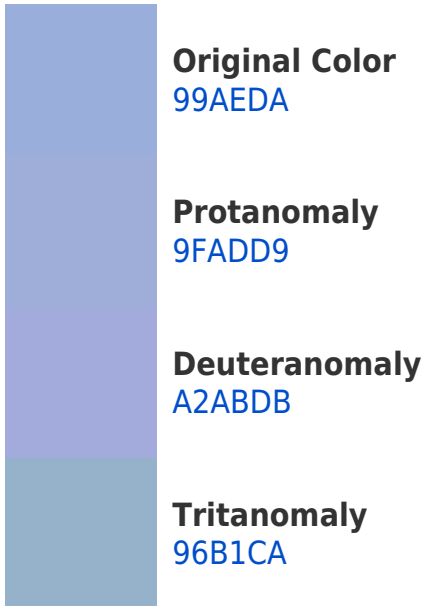
Protanopia
A3ACD8

Deuteranopia
A7AADB

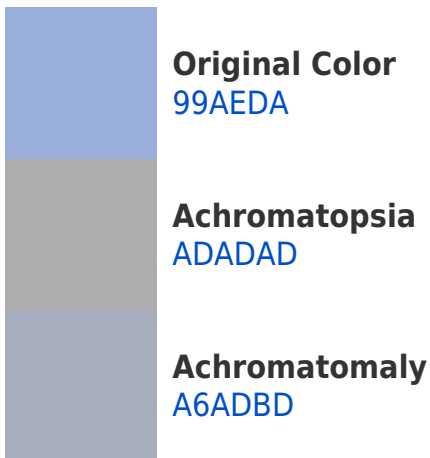


Tritanopia
94B2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99AEDA 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 #99AEDA looks like.

```
.text, #text, p{  
    color:#99AEDA  
}
```

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 #99AEDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99AEDA
}
```

Border

The CSS property to change the border of an element to Hex 99AEDA 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
#99AEDA }
```

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

```
.border{ border-color:#99AEDA }
```

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

Here you see how a box with a 4 pixel #99AEDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99AEDA; -webkit-box-shadow:4px 4px  
4px 4px #99AEDA; box-shadow:4px 4px 4px  
4px #99AEDA }
```

Background

The CSS property to change the background color of an element to Hex 99AEDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99AEDA }
```

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

```
.background{ background-color:#99AEDA }
```

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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