

Converting Colors

Hex(AE59D7)

Have a look what the booklet for
Hex(AE59D7) contains.

Hex(AE59D7)	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(AE59D7)

Conversions

Conversions Part 1

Format	Color
Hex	AE59D7
RGB	174, 89, 215
RGB Percent	68%, 35%, 84%
CMY	0.3176, 0.6510, 0.1569
CMYK	0.19, 0.59, 0.00, 0.16
HSL	280°, 61%, 60%
HSV	280°, 59%, 84%
XYZ	33.2937, 21.0497, 66.5982
YIQ	128.7790, 10.2140, 57.2060

Conversions

Conversions Part 2

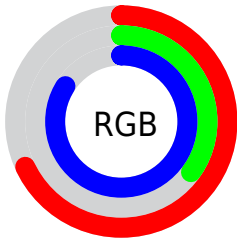
Format	Color
RYB	174, 89, 215
Decimal	11426263
CIELab	53.00, 55.03, -50.80
CIElCh	53, 74.893, 317.290
Yxy	21.0497, 0.2753, 0.1740
Android (android.graphics.Color)	4289616343 (0xFFAE59D7)
YUV	128.7790, 42.5070, 39.6588
Hunter-Lab	45.8800, 49.2420, -53.9479

Details

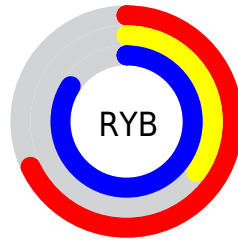
The Hex color **AE59D7** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **82D759**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **E88FFF**, and **76229F** is the 20% darker color. If you saturate the color by 10%, you get **A744D7**, and if you desaturate by 10%, it is **B56ED7**.

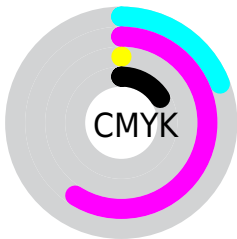
Distribution



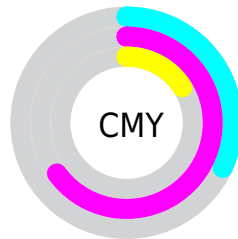
- Red (68%)
- Green (35%)
- Blue (84%)



- Red (68%)
- Yellow (35%)
- Blue (84%)



- Cyan (19%)
- Magenta (59%)
- Yellow (0%)
- Black (16%)



- Cyan (32%)
- Magenta (65%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE59D7 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 AE59D7 by changing the saturation by 10% instead.

 AE59D7

 AE59D7

FFFFFF

 923EBB

 E88FFF

 76229F

 FFAAFF

 5B0085

 FFC7FF

 3F006B

 FFE3FF

 250052

 00003A

 000223

 00000A

 000000

 AE59D7

 AE59D7

 A744D7

 B56ED7

 A02ED7

 BC84D7

 9918D7

 C39AD7

 9203D7

 CAAFD7

 9100D7

 D1C5D7

 D8DAD7

 DFF0D7

 E6FFD7

 EDFFD7

Harmonies

Analogous

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



1D7AFB



AE59D7



E2349D

Triad

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



AE59D7



B07200



009BA3

Complementary

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



AE59D7



82D759

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.



009960



AE59D7



768700

Square

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



AE59D7



DA521D



129317



0098DD

Rectangle

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



AE59D7



EE2B72



129317



009A8D

Sweetspot

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



AE59D7



F0D1FF



5983D7



766380



000000



808080

Same Dimension

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



AE59D7



C54DFF



D759C2



68606B



7300AB



1D002B

Inverse Universe

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



D75982



FF4D87



59D76E



6B6064



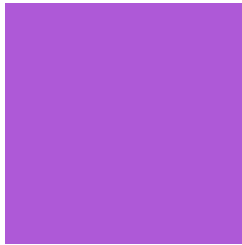
AB0038



2B000E

Previews

White Background



This preview shows how the Hex color AE59D7 looks on a white background.

Color Contrast Check

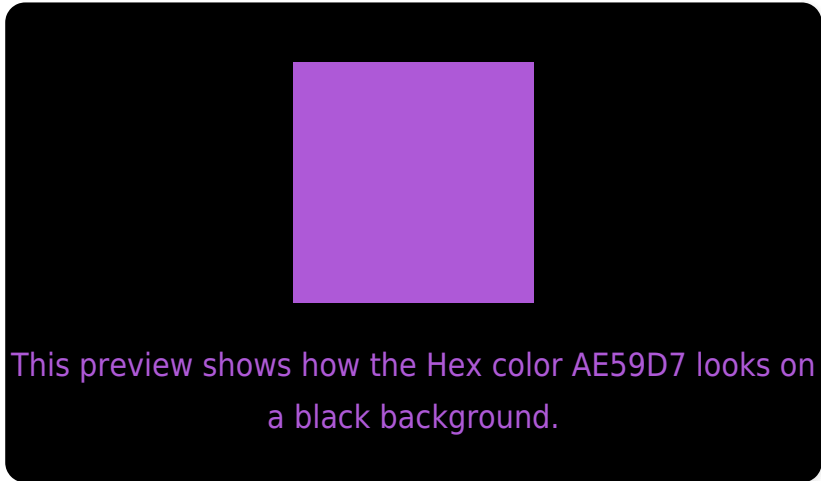
Large Text (above 18pt) WCAG AA ✓ Pass

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

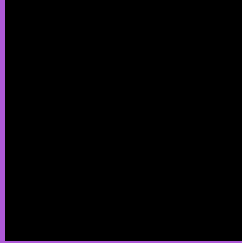
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex AE59D7 Background



This preview shows how black text looks on a background with the Hex color AE59D7.

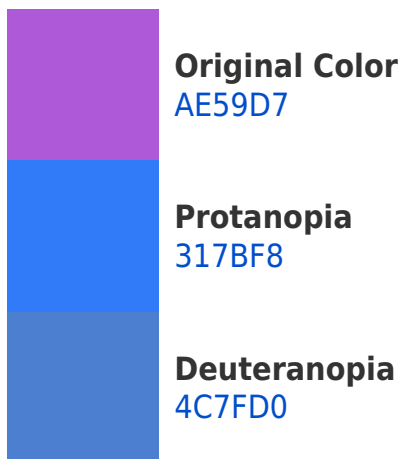


This preview shows how white text looks on a background with the Hex color AE59D7.

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](#).

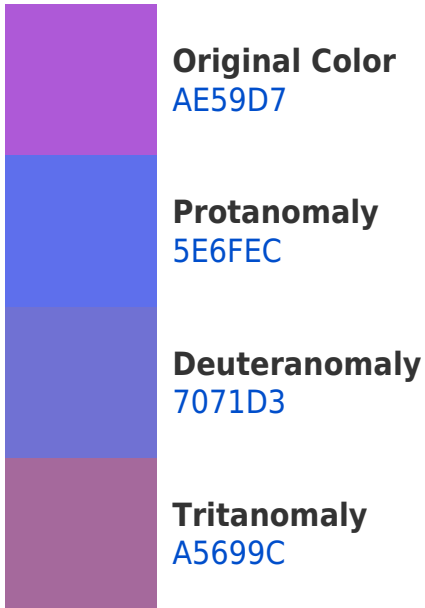
Dichromacy



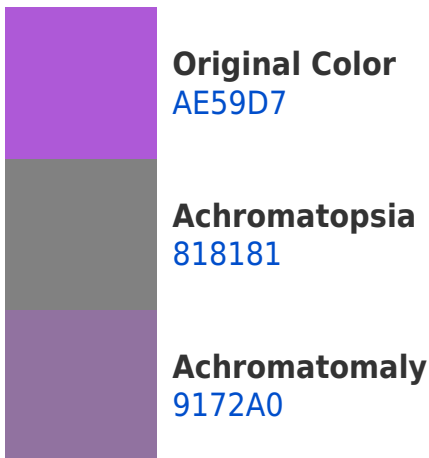


Tritanopia
A0727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AE59D7 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 #AE59D7 looks like.

```
.text, #text, p{  
    color:#AE59D7  
}
```

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 #AE59D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE59D7
}
```

Border

The CSS property to change the border of an element to Hex AE59D7 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
#AE59D7 }
```

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

```
.border{ border-color:#AE59D7 }
```

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

Here you see how a box with a 4 pixel #AE59D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE59D7; -webkit-box-shadow:4px 4px  
4px 4px #AE59D7; box-shadow:4px 4px 4px  
4px #AE59D7 }
```

Background

The CSS property to change the background color of an element to Hex AE59D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE59D7 }
```

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

```
.background{ background-color:#AE59D7 }
```

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