

Converting Colors

Hex(AE6EC7)

Have a look what the booklet for
Hex(AE6EC7) contains.

Hex(AE6EC7)	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(AE6EC7)

Conversions

Conversions Part 1

Format	Color
Hex	AE6EC7
RGB	174, 110, 199
RGB Percent	68%, 43%, 78%
CMY	0.3176, 0.5686, 0.2196
CMYK	0.13, 0.45, 0.00, 0.22
HSL	283°, 44%, 61%
HSV	283°, 45%, 78%
XYZ	33.3403, 24.2741, 56.9610
YIQ	139.2820, 9.5750, 41.2470

Conversions

Conversions Part 2

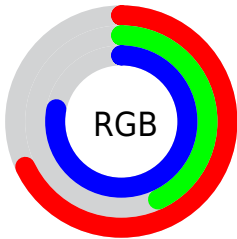
Format	Color
RYB	174, 110, 199
Decimal	11431623
CIELab	56.36, 40.72, -36.39
CIELCh	56, 54.615, 318.216
Yxy	24.2741, 0.2910, 0.2119
Android (android.graphics.Color)	4289621703 (0xFFAE6EC7)
YUV	139.2820, 29.4410, 30.4477
Hunter-Lab	49.2687, 34.5713, -34.0588

Details

The Hex color **AE6EC7** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **87C76E**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **E7A3FF**, and **783C91** is the 20% darker color. If you saturate the color by 10%, you get **A85AC7**, and if you desaturate by 10%, it is **B482C7**.

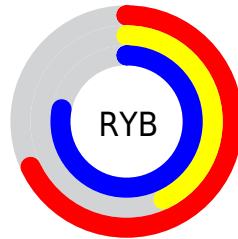
Distribution



Red (68%)

Green (43%)

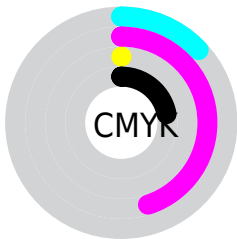
Blue (78%)



Red (68%)

Yellow (43%)

Blue (78%)

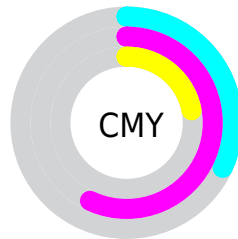


Cyan (13%)

Magenta (45%)

Yellow (0%)

Black (22%)



Cyan (32%)

Magenta (57%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE6EC7 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 AE6EC7 by changing the saturation by 10% instead.

■ AE6EC7

■ AE6EC7

FFFFFF

■ 9255AB

■ E7A3FF

■ 783C91

■ FFBFFF

■ 5D2377

■ FFDDBF

■ 44075E

■ FFF8FF

■ 2B0045

■ 14002F

■ 000119

■ 000000

■ AE6EC7

■ AE6EC7

 A85AC7

 B482C7

 A346C7

 B996C7

 9D32C7

 BFAAC7

 981EC7

 C4BEC7

 920AC7

 CAD2C7

 8F00C7

 D0E5C7

 D5F9C7

 DBFFC7

 E0FFC7

Harmonies

Analogous

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



6582E2



AE6EC7



D45D9C

Triad

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



AE6EC7



B07E23



009EA3

Complementary

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



AE6EC7



87C76E

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.



009D72



AE6EC7



848E23

Square

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



AE6EC7



D06B42



4C9844



009BCD

Rectangle

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



AE6EC7



DD5A7C



4C9844



009E93

Sweetspot

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



AE6EC7



F6DEFF



6E87C7



7A6B80



000000



808080

Same Dimension

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



AE6EC7



D875FF



C76EB4



615A63



7500A3



1A0024

Inverse Universe

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



C76E87



FF759C



6EC781



635A5C



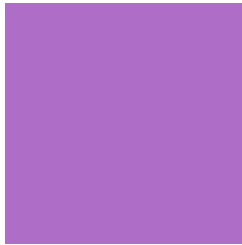
A3002E



24000A

Previews

White Background



This preview shows how the Hex color AE6EC7 looks on a white background.

Color Contrast Check

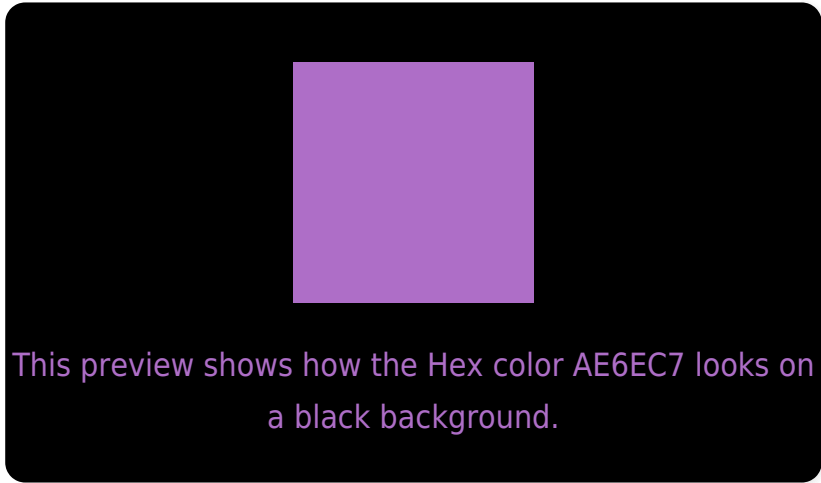
Large Text (above 18pt) WCAG AA ✓ Pass

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

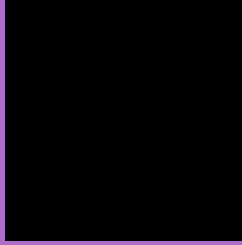
Any Text WCAG AA ✓ Pass

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 AE6EC7 Background



This preview shows how black text looks on a background with the Hex color AE6EC7.

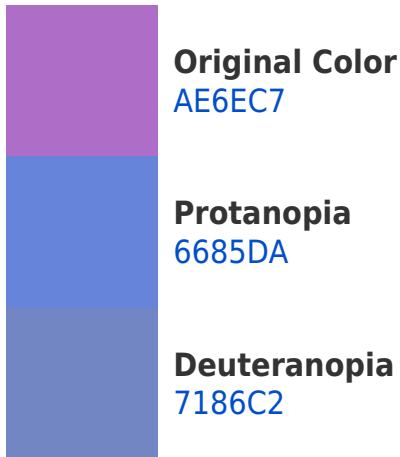



This preview shows how white text looks on a background with the Hex color AE6EC7.

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](#).

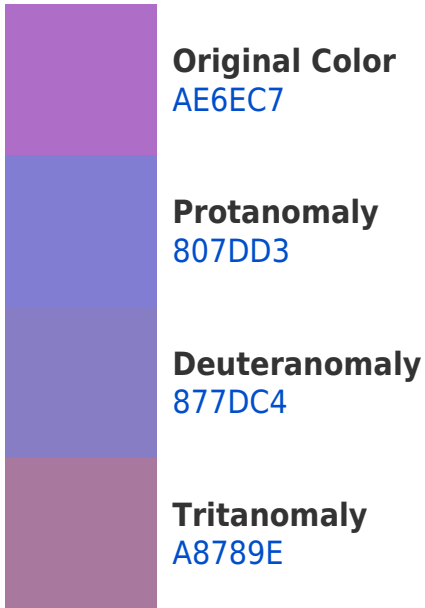
Dichromacy





Tritanopia
A47D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AE6EC7 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 #AE6EC7 looks like.

```
.text, #text, p{  
    color:#AE6EC7  
}
```

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 #AE6EC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE6EC7  
}
```

Border

The CSS property to change the border of an element to Hex AE6EC7 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  
#AE6EC7 }
```

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

```
.border{ border-color:#AE6EC7 }
```

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

Here you see how a box with a 4 pixel #AE6EC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE6EC7; -webkit-box-shadow:4px 4px  
4px 4px #AE6EC7; box-shadow:4px 4px 4px  
4px #AE6EC7 }
```

Background

The CSS property to change the background color of an element to Hex AE6EC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE6EC7 }
```

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

```
.background{ background-color:#AE6EC7 }
```

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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