

Converting Colors

Hex(AE70E2)

Have a look what the booklet for
Hex(AE70E2) contains.

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Color

Hex(AE70E2)

Conversions

Conversions Part 1

Format	Color
Hex	AE70E2
RGB	174, 112, 226
RGB Percent	68%, 44%, 89%
CMY	0.3176, 0.5608, 0.1137
CMYK	0.23, 0.50, 0.00, 0.11
HSL	273°, 66%, 66%
HSV	273°, 50%, 89%
XYZ	36.9772, 26.0780, 75.0362
YIQ	143.5340, 0.3580, 48.5980

Conversions

Conversions Part 2

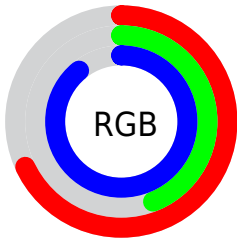
Format	Color
RYB	174, 112, 226
Decimal	11432162
CIELab	58.11, 45.56, -48.88
CIElCh	58, 66.823, 312.989
Yxy	26.0780, 0.2678, 0.1888
Android (android.graphics.Color)	4289622242 (0xFFAE70E2)
YUV	143.5340, 40.6557, 26.7187
Hunter-Lab	51.0666, 39.8848, -51.3728

Details

The Hex color **AE70E2** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A4E270**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **E8A5FF**, and **773DAA** is the 20% darker color. If you saturate the color by 10%, you get **A459E2**, and if you desaturate by 10%, it is **B887E2**.

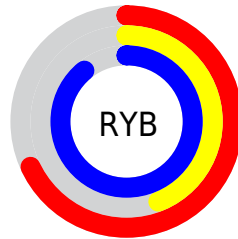
Distribution



Red (68%)

Green (44%)

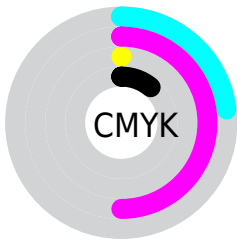
Blue (89%)



Red (68%)

Yellow (44%)

Blue (89%)

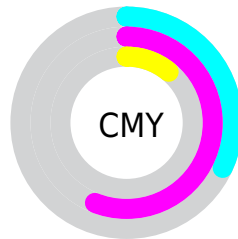


Cyan (23%)

Magenta (50%)

Yellow (0%)

Black (11%)



Cyan (32%)

Magenta (56%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE70E2 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 AE70E2 by changing the saturation by 10% instead.

 AE70E2

 AE70E2

FFFFFF

 9256C6

 E8A5FF

 773DAA

 FFC1FF

 5B248F

 FFDDFF


 410775

 FFFAFF

 25005C

 0A0043

 00032C

 000116

 000000

 AE70E2

 AE70E2

 A459E2

 B887E2

 9943E2

 C39DE2

 8F2CE2

 CDB4E2

 8516E2

 D7CAE2

 7B00E2

 E2E1E2

 ECF8E2

 F6FFE2

 FFFFE2

Harmonies

Analogous

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



348AFE



AE70E2



E356AF

Triad

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



AE70E2



C27D03



00A7A4

Complementary

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



AE70E2



A4E270

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.



00A467



AE70E2



909100

Square

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



AE70E2



E6633E



4C9E2D



00A4DA

Rectangle

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



AE70E2



F24E88



4C9E2D



00A690

Sweetspot

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



AE70E2



EED9FF



70A5E2



756980



000000



808080

Same Dimension

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



AE70E2



B863FF



E270DE



6B6570



6000B0



1A0030

Inverse Universe

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



E270A4



FF63AA



70E274



70656A



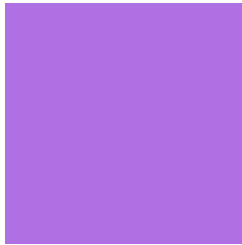
B00050



300016

Previews

White Background



This preview shows how the Hex color AE70E2 looks on a white background.

Color Contrast Check

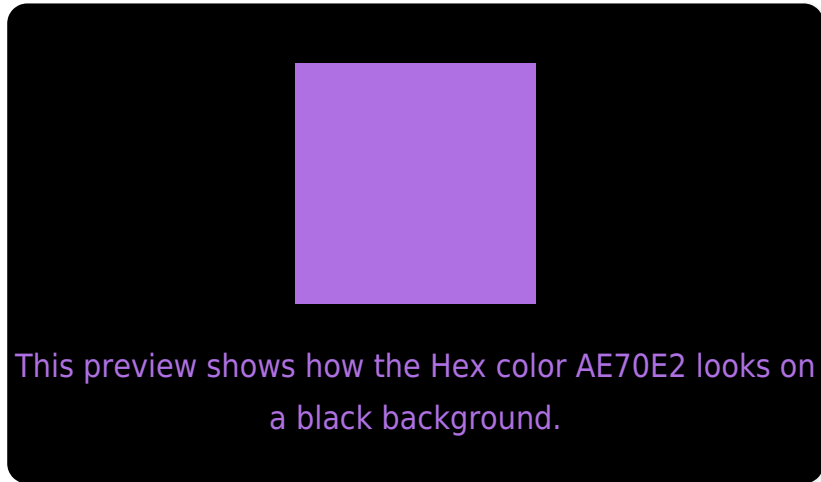
Large Text (above 18pt) WCAG AA ✓ Pass

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

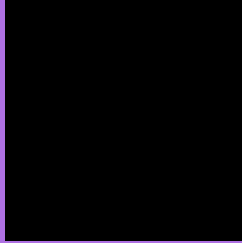
Any Text WCAG AA ✓ Pass

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 AE70E2 Background



This preview shows how black text looks on a background with the Hex color AE70E2.

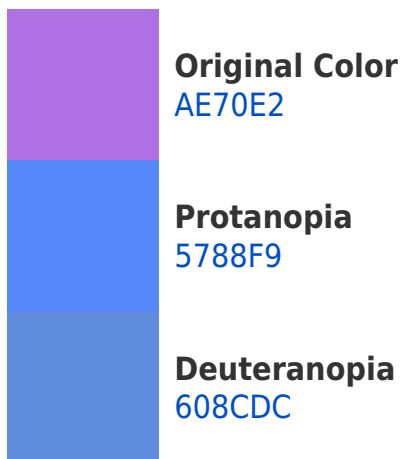



This preview shows how white text looks on a background with the Hex color AE70E2.

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
A0848F

Trichromacy



Original Color

AE70E2



Protanomaly

777FF1



Deuteranomaly

7C82DE



Tritanomaly

A57DAD

Monochromacy



Original Color

AE70E2



Achromatopsia

909090



Achromatomaly

9B84AE

CSS Examples

Text

The CSS property to change the color of the text to Hex AE70E2 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 #AE70E2 looks like.

```
.text, #text, p{  
    color:#AE70E2  
}
```

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 #AE70E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE70E2
}
```

Border

The CSS property to change the border of an element to Hex AE70E2 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
#AE70E2 }
```

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

```
.border{ border-color:#AE70E2 }
```

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

Here you see how a box with a 4 pixel #AE70E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE70E2; -webkit-box-shadow:4px 4px  
4px 4px #AE70E2; box-shadow:4px 4px 4px  
4px #AE70E2 }
```

Background

The CSS property to change the background color of an element to Hex AE70E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE70E2 }
```

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

```
.background{ background-color:#AE70E2 }
```

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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