

Converting Colors

Hex(AE44E0)

Have a look what the booklet for
Hex(AE44E0) contains.

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Color

Hex(AE44E0)

Conversions

Conversions Part 1

Format	Color
Hex	AE44E0
RGB	174, 68, 224
RGB Percent	68%, 27%, 88%
CMY	0.3176, 0.7333, 0.1216
CMYK	0.22, 0.70, 0.00, 0.12
HSL	281°, 72%, 57%
HSV	281°, 70%, 88%
XYZ	32.9772, 18.5147, 72.3566
YIQ	117.4780, 13.1000, 70.9880

Conversions

Conversions Part 2

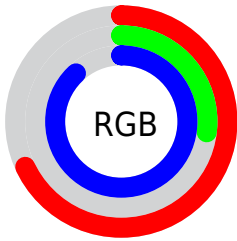
Format	Color
RYB	174, 68, 224
Decimal	11420896
CIELab	50.11, 66.36, -60.54
CIELCh	50, 89.829, 317.628
Yxy	18.5147, 0.2663, 0.1495
Android (android.graphics.Color)	4289610976 (0xFFAE44E0)
YUV	117.4780, 52.5153, 49.5698
Hunter-Lab	43.0288, 61.5021, -69.5812

Details

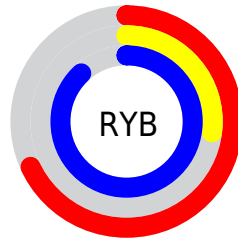
The Hex color **AE44E0** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **76E044**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **E97CFF**, and **7500A8** is the 20% darker color. If you saturate the color by 10%, you get **A72EE0**, and if you desaturate by 10%, it is **B55AE0**.

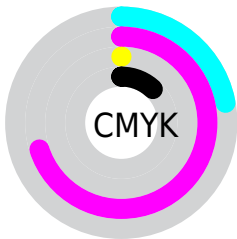
Distribution



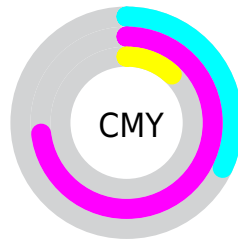
- Red (68%)
- Green (27%)
- Blue (88%)



- Red (68%)
- Yellow (27%)
- Blue (88%)



- Cyan (22%)
- Magenta (70%)
- Yellow (0%)
- Black (12%)



- Cyan (32%)
- Magenta (73%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE44E0 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 AE44E0 by changing the saturation by 10% instead.

 AE44E0

 AE44E0

FFFFFF

 9125C4

 E97CFF

 7500A8

 FF98FF

 58008D

 FFB4FF

 3B0072


 FFD1FF

 200059

 FFEFFF

 000040

 000329

 000113

 000000

 AE44E0

 AE44E0

 A72EE0

 B55AE0

 A017E0

 BC71E0

 9801E0

 C487E0

 9800E0

 CB9EE0

 D2B4E0

 D9CAE0

 E0E1E0

 E7F7E0

 EFFFEO

Harmonies

Analogous

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



0072FF



AE44E0



EB009A

Triad

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



AE44E0



AB6900



0096A4

Complementary

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



AE44E0



76E044

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.



009454



AE44E0



688100

Square

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



AE44E0



DD3B00



008E00



0094E9

Rectangle

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



AE44E0



F70068



008E00



00968A

Sweetspot

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



AE44E0



EEC9FF



4478E0



756080



000000



808080

Same Dimension

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



AE44E0



BA29FF



E044C6



6D6570



7800B0



210030

Inverse Universe

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



E04476



FF296D



44E05E



706569



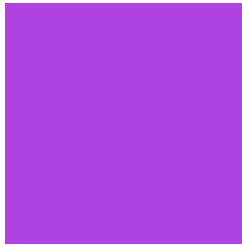
B00038



300010

Previews

White Background



This preview shows how the Hex color AE44E0 looks on a white background.

Color Contrast Check

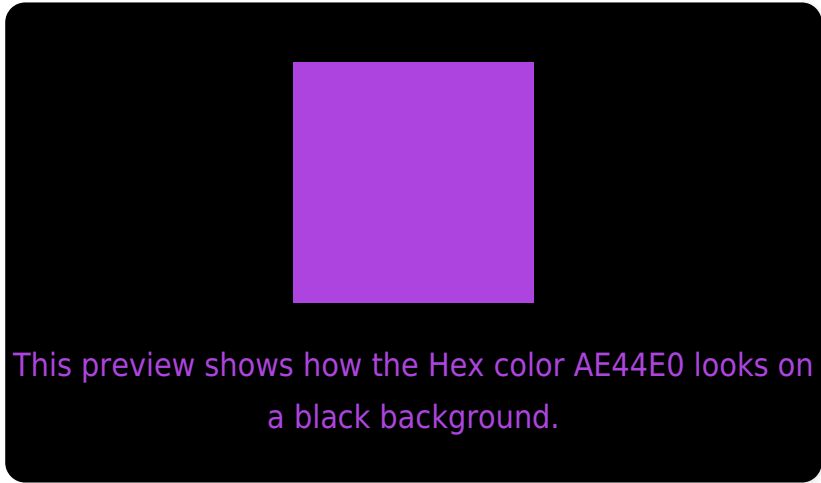
Large Text (above 18pt) WCAG AA ✓ Pass

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

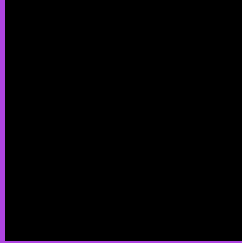
Any Text WCAG AA ✓ Pass

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 AE44E0 Background



This preview shows how black text looks on a background with the Hex color AE44E0.

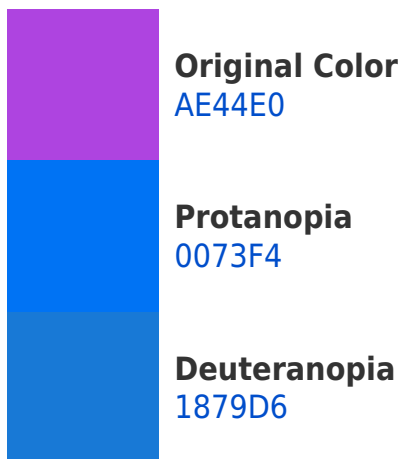



This preview shows how white text looks on a background with the Hex color AE44E0.

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](#).

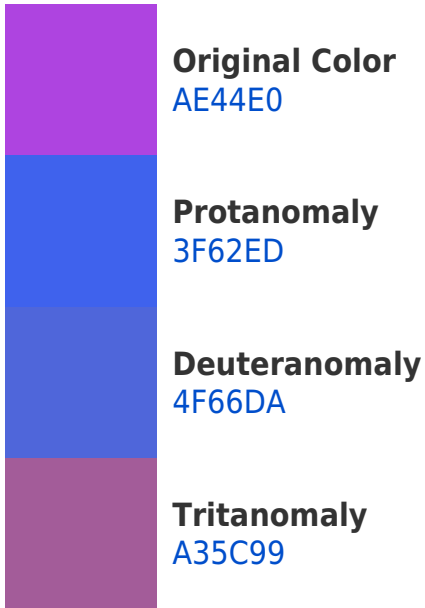
Dichromacy





Tritanopia
9D6971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AE44E0 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 #AE44E0 looks like.

```
.text, #text, p{  
    color:#AE44E0  
}
```

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 #AE44E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE44E0
}
```

Border

The CSS property to change the border of an element to Hex AE44E0 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
#AE44E0 }
```

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

```
.border{ border-color:#AE44E0 }
```

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

Here you see how a box with a 4 pixel #AE44E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE44E0; -webkit-box-shadow:4px 4px  
4px 4px #AE44E0; box-shadow:4px 4px 4px  
4px #AE44E0 }
```

Background

The CSS property to change the background color of an element to Hex AE44E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE44E0 }
```

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

```
.background{ background-color:#AE44E0 }
```

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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