

Converting Colors

Hex(AE4CD8)

Have a look what the booklet for
Hex(AE4CD8) contains.

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Color

Hex(AE4CD8)

Conversions

Conversions Part 1

Format	Color
Hex	AE4CD8
RGB	174, 76, 216
RGB Percent	68%, 30%, 85%
CMY	0.3176, 0.7020, 0.1529
CMYK	0.19, 0.65, 0.00, 0.15
HSL	282°, 64%, 57%
HSV	282°, 65%, 85%
XYZ	32.4347, 19.1254, 66.9478
YIQ	121.2620, 13.4680, 64.3160

Conversions

Conversions Part 2

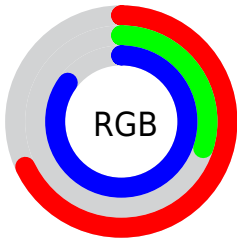
Format	Color
RYB	174, 76, 216
Decimal	11422936
CIELab	50.83, 61.33, -54.84
CIElCh	51, 82.269, 318.198
Yxy	19.1254, 0.2737, 0.1614
Android (android.graphics.Color)	4289613016 (0xFFAE4CD8)
YUV	121.2620, 46.7058, 46.2512
Hunter-Lab	43.7326, 55.8540, -60.1509

Details

The Hex color **AE4CD8** 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 **76D84C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **E983FF**, and **750BA0** is the 20% darker color. If you saturate the color by 10%, you get **A836D8**, and if you desaturate by 10%, it is **B462D8**.

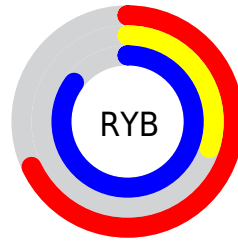
Distribution



Red (68%)

Green (30%)

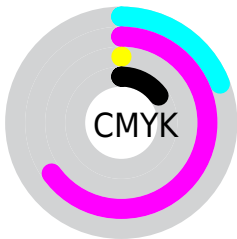
Blue (85%)



Red (68%)

Yellow (30%)

Blue (85%)

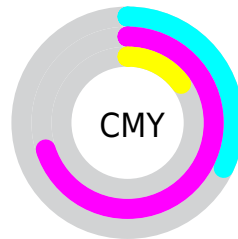


Cyan (19%)

Magenta (65%)

Yellow (0%)

Black (15%)



Cyan (32%)

Magenta (70%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE4CD8 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 AE4CD8 by changing the saturation by 10% instead.

 AE4CD8

 AE4CD8

FFFFFF

 9130BC

 E983FF

 750BA0

 FF9FFF

 590085

 FFBBFF

 3E006C

 FFD8FF

 240053

 FFF5FF

 00003A

 000224

 00000B

 000000

 AE4CD8

 AE4CD8

 A836D8

 B462D8

 A121D8

 BB77D8

 9B0BD8

 C18DD8

 9700D8

 C8A2D8

 CEB8D8

 D5CED8

 DBE3D8

 E2F9D8

 E8FFD8

Harmonies

Analogous

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



0073FF



AE4CD8



E50998

Triad

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



AE4CD8



AA6C00



0096A3

Complementary

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



AE4CD8



76D84C

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.



00945A



AE4CD8



6B8300

Square

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



AE4CD8



D84702



008F00



0094E2

Rectangle

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



AE4CD8



F00069



008F00



00968B

Sweetspot

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



AE4CD8



F0CFFF



4C76D8



776280



000000



808080

Same Dimension

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



AE4CD8



C338FF



D84CBC



68606B



7800AB



1E002B

Inverse Universe

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



D84C76



FF3874



4CD868



6B6064



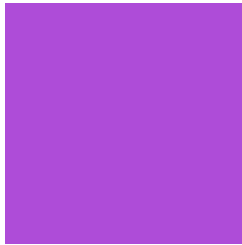
AB0033



2B000D

Previews

White Background



This preview shows how the Hex color AE4CD8 looks on a white background.

Color Contrast Check

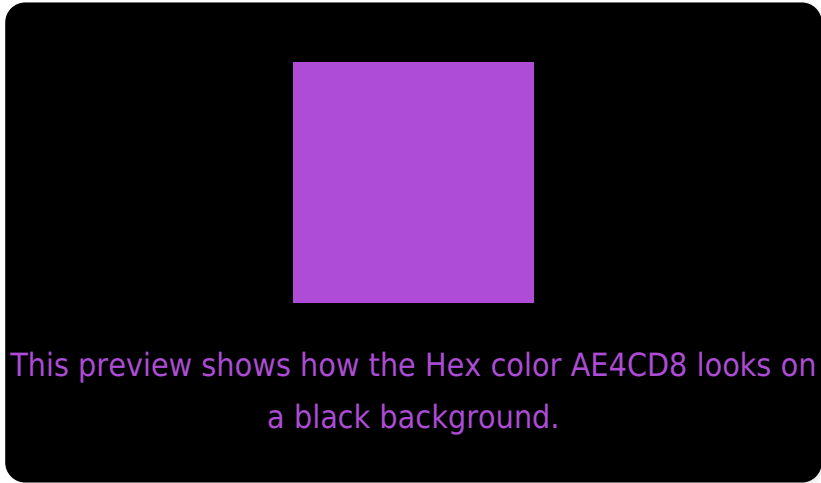
Large Text (above 18pt) WCAG AA ✓ Pass

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

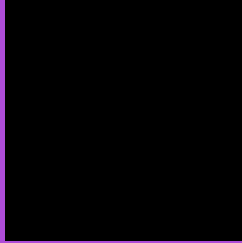
Any Text WCAG AA ✓ Pass

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 AE4CD8 Background



This preview shows how black text looks on a background with the Hex color AE4CD8.

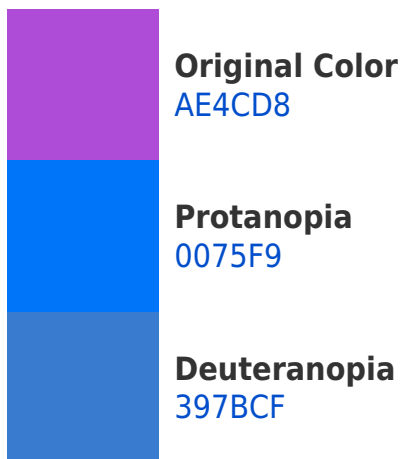



This preview shows how white text looks on a background with the Hex color AE4CD8.

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](#).

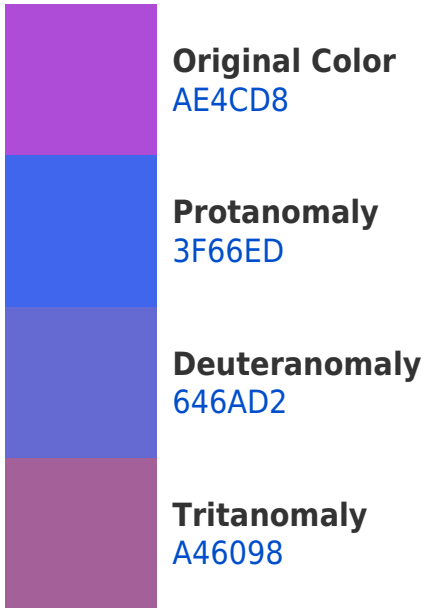
Dichromacy





Tritanopia
9F6B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AE4CD8 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 #AE4CD8 looks like.

```
.text, #text, p{  
    color:#AE4CD8  
}
```

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 #AE4CD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE4CD8
}
```

Border

The CSS property to change the border of an element to Hex AE4CD8 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
#AE4CD8 }
```

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

```
.border{ border-color:#AE4CD8 }
```

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

Here you see how a box with a 4 pixel #AE4CD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE4CD8; -webkit-box-shadow:4px 4px  
4px 4px #AE4CD8; box-shadow:4px 4px 4px  
4px #AE4CD8 }
```

Background

The CSS property to change the background color of an element to Hex AE4CD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE4CD8 }
```

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

```
.background{ background-color:#AE4CD8 }
```

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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