

Converting Colors

Hex(AE1BE4)

Have a look what the booklet for
Hex(AE1BE4) contains.

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Color

Hex(AE1BE4)

Conversions

Conversions Part 1

Format	Color
Hex	AE1BE4
RGB	174, 27, 228
RGB Percent	68%, 11%, 89%
CMY	0.3176, 0.8941, 0.1059
CMYK	0.24, 0.88, 0.00, 0.11
HSL	284°, 79%, 50%
HSV	284°, 88%, 89%
XYZ	31.8511, 15.3840, 74.6895
YIQ	93.8670, 23.0910, 93.6750

Conversions

Conversions Part 2

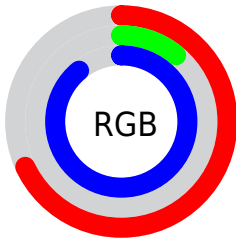
Format	Color
RYB	174, 27, 228
Decimal	11410404
CIELab	46.16, 79.38, -69.22
CIElCh	46, 105.324, 318.912
Yxy	15.3840, 0.2612, 0.1262
Android (android.graphics.Color)	4289600484 (0xFFAE1BE4)
YUV	93.8670, 66.1276, 70.2766
Hunter-Lab	39.2224, 76.3141, -85.4476

Details

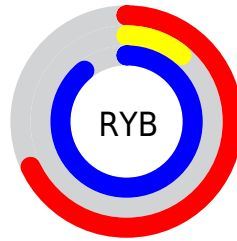
The Hex color **AE1BE4** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **51E41B**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **EA61FF**, and **7300AB** is the 20% darker color. If you saturate the color by 10%, you get **A804E4**, and if you desaturate by 10%, it is **B432E4**.

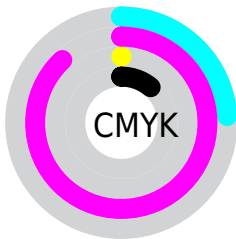
Distribution



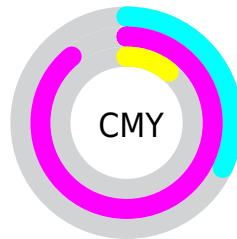
- Red (68%)
- Green (11%)
- Blue (89%)



- Red (68%)
- Yellow (11%)
- Blue (89%)



- Cyan (24%)
- Magenta (88%)
- Yellow (0%)
- Black (11%)



- Cyan (32%)
- Magenta (89%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE1BE4 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 AE1BE4 by changing the saturation by 10% instead.

 AE1BE4

 AE1BE4

FFFFFF

 9000C7

 EA61FF

 7300AB

 FF7EFF

 550090

 FF9CFF

 360075

 FFB9FF

 13005C

 FFD6FF

 000043

 FFF4FF

 00032C

 000116

 000000

 AE1BE4

 AE1BE4

 A804E4

 B432E4

 A700E4

 BA49E4

 C05FE4

 C776E4

 CD8DE4

 D3A4E4

 D9BBE4

 DFD1E4

 E5E8E4

Harmonies

Analogous

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



0067FF



AE1BE4



F20092

Triad

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



AE1BE4



A05E00



008EA5

Complementary

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



AE1BE4



51E41B

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.



008B48



AE1BE4



4F7A00

Square

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



AE1BE4



DB1300



008600



008DF4

Rectangle

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



AE1BE4



FD0058



008600



008D87

Sweetspot

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



AE1BE4



EDBDFF



1B54E4



755880



000000



808080

Same Dimension

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



AE1BE4



BA00FF



E41BB8



706773



8300B3



250033

Inverse Universe

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



E41B51



FF0045



1BE447



73676A



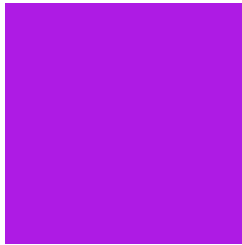
B30030



33000E

Previews

White Background



This preview shows how the Hex color AE1BE4 looks on a white background.

Color Contrast Check

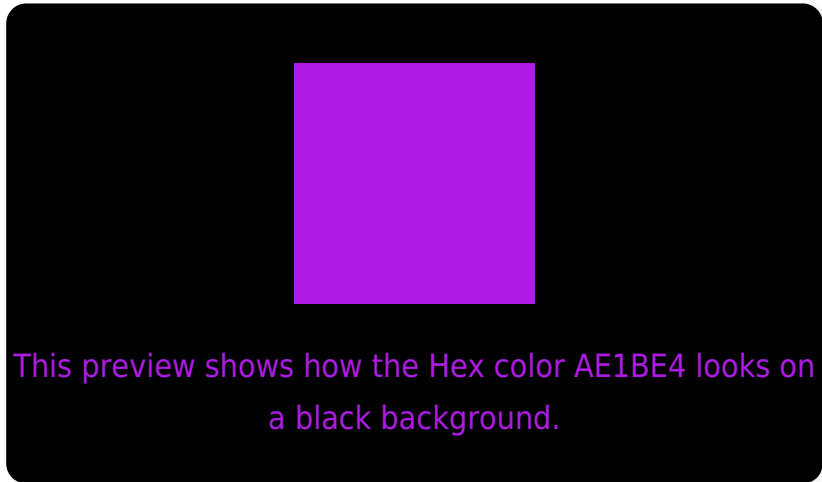
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

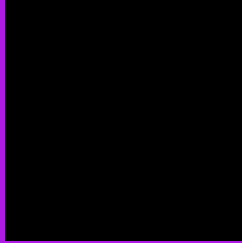
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex AE1BE4 Background



This preview shows how black text looks on a background with the Hex color AE1BE4.

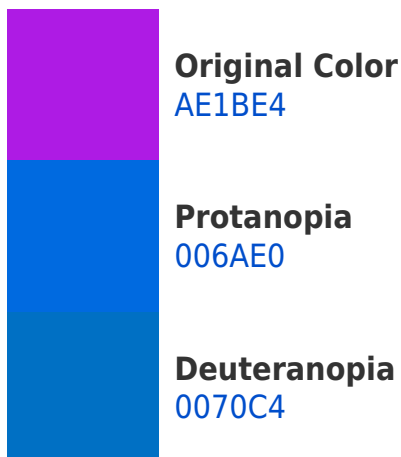



This preview shows how white text looks on a background with the Hex color AE1BE4.

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
9A5C62

Trichromacy



Original Color
AE1BE4



Protanomaly
3F4DE1



Deuteranomaly
3F51D0



Tritanomaly
A14491

Monochromacy



Original Color
AE1BE4



Achromatopsia
5E5E5E



Achromatomaly
7B468F

CSS Examples

Text

The CSS property to change the color of the text to Hex AE1BE4 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 #AE1BE4 looks like.

```
.text, #text, p{  
    color:#AE1BE4  
}
```

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 #AE1BE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE1BE4
}
```

Border

The CSS property to change the border of an element to Hex AE1BE4 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
#AE1BE4 }
```

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

```
.border{ border-color:#AE1BE4 }
```

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

Here you see how a box with a 4 pixel #AE1BE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE1BE4; -webkit-box-shadow:4px 4px  
4px 4px #AE1BE4; box-shadow:4px 4px 4px  
4px #AE1BE4 }
```

Background

The CSS property to change the background color of an element to Hex AE1BE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE1BE4 }
```

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

```
.background{ background-color:#AE1BE4 }
```

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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