

Converting Colors

Hex(AE64E1)

Have a look what the booklet for
Hex(AE64E1) contains.

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Color

Hex(AE64E1)

Conversions

Conversions Part 1

Format	Color
Hex	AE64E1
RGB	174, 100, 225
RGB Percent	68%, 39%, 88%
CMY	0.3176, 0.6078, 0.1176
CMYK	0.23, 0.56, 0.00, 0.12
HSL	276°, 68%, 64%
HSV	276°, 56%, 88%
XYZ	35.6033, 23.5493, 73.9031
YIQ	136.3760, 3.9790, 54.5630

Conversions

Conversions Part 2

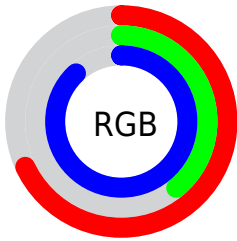
Format	Color
RYB	174, 100, 225
Decimal	11429089
CIELab	55.63, 51.66, -52.26
CIELCh	56, 73.485, 314.673
Yxy	23.5493, 0.2676, 0.1770
Android (android.graphics.Color)	4289619169 (0xFFAE64E1)
YUV	136.3760, 43.6916, 32.9962
Hunter-Lab	48.5276, 46.0372, -56.3240

Details

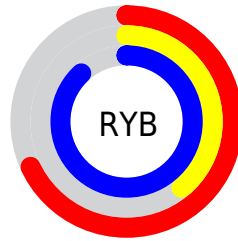
The Hex color **AE64E1** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **97E164**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **E899FF**, and **7630A9** is the 20% darker color. If you saturate the color by 10%, you get **A54EE1**, and if you desaturate by 10%, it is **B77BE1**.

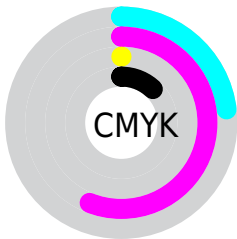
Distribution



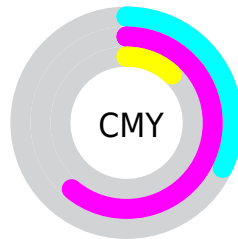
- Red (68%)
- Green (39%)
- Blue (88%)



- Red (68%)
- Yellow (39%)
- Blue (88%)



- Cyan (23%)
- Magenta (56%)
- Yellow (0%)
- Black (12%)



- Cyan (32%)
- Magenta (61%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE64E1 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 AE64E1 by changing the saturation by 10% instead.

 AE64E1

 AE64E1

FFFFFF

 924AC5

 E899FF

 7630A9

 FFB5FF

 5B138E

 FFD1FF

 3F0074

 FFEEFF

 23005A

 010042

 00032B

 000115

 000000

 AE64E1

 AE64E1

 A54EE1

 B77BE1

 9C37E1

 C091E1

 9220E1

 CAA8E1

 890AE1

 D3BEE1

 8500E1

 DCD4E1

 E5EBE1

 EEFFE1

 F7FFE1

 FFFFE1

Harmonies

Analogous

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



0882FF



AE64E1



E642A9

Triad

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



AE64E1



BB7600



00A2A4

Complementary

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



AE64E1



97E164

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.



009F61



AE64E1



848C00

Square

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



AE64E1



E4582C



32991B



009FDE

Rectangle

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



AE64E1



F4387E



32991B



00A18E

Sweetspot

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



AE64E1



EDD4FF



6498E1



756680



000000



808080

Same Dimension

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



AE64E1



B954FF



E164D7



6C6570



6800B0



1D0030

Inverse Universe

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



E16497



FF549A



64E16E



70656A



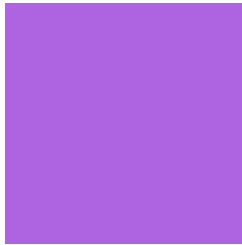
B00048



300014

Previews

White Background



This preview shows how the Hex color AE64E1 looks on a white background.

Color Contrast Check

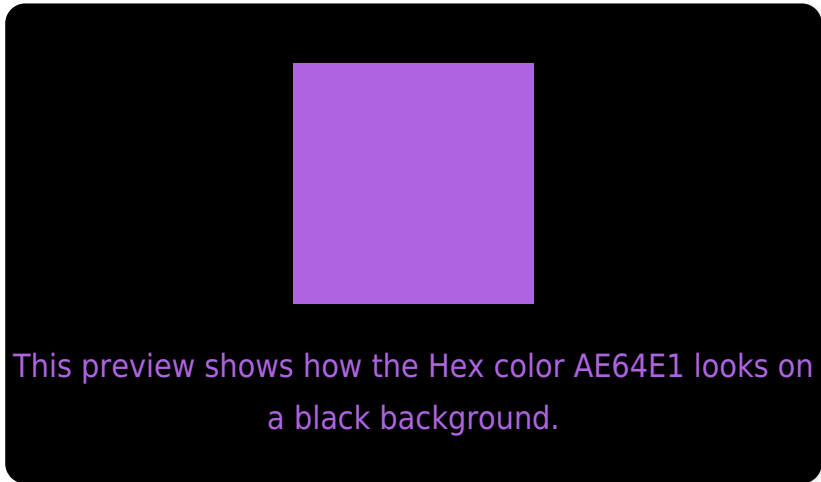
Large Text (above 18pt) WCAG AA ✓ Pass

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

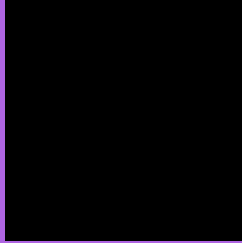
Any Text WCAG AA ✓ Pass

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 AE64E1 Background



This preview shows how black text looks on a background with the Hex color AE64E1.

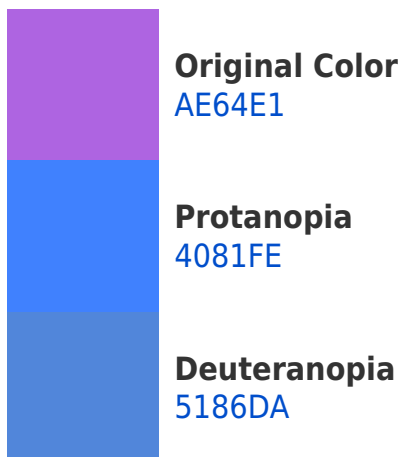


This preview shows how white text looks on a background with the Hex color AE64E1.

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](#).

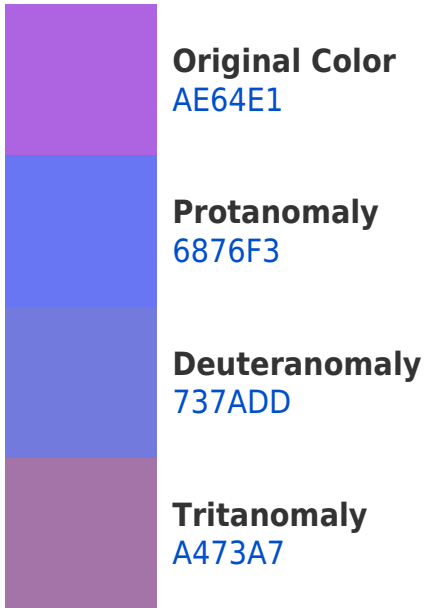
Dichromacy



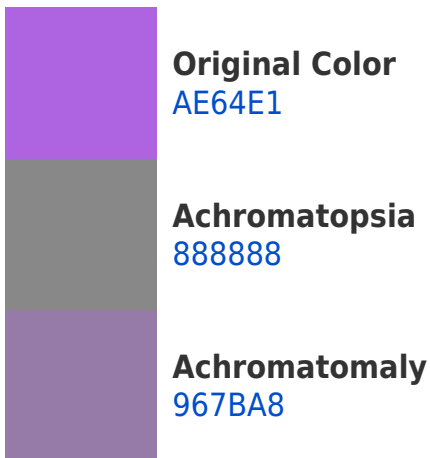


Tritanopia
9F7C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AE64E1 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 #AE64E1 looks like.

```
.text, #text, p{  
    color:#AE64E1  
}
```

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 #AE64E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE64E1
}
```

Border

The CSS property to change the border of an element to Hex AE64E1 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
#AE64E1 }
```

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

```
.border{ border-color:#AE64E1 }
```

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

Here you see how a box with a 4 pixel #AE64E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE64E1; -webkit-box-shadow:4px 4px  
4px 4px #AE64E1; box-shadow:4px 4px 4px  
4px #AE64E1 }
```

Background

The CSS property to change the background color of an element to Hex AE64E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE64E1 }
```

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

```
.background{ background-color:#AE64E1 }
```

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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