

Converting Colors

Hex(AE25DC)

Have a look what the booklet for
Hex(AE25DC) contains.

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Color

Hex(AE25DC)

Conversions

Conversions Part 1

Format	Color
Hex	AE25DC
RGB	174, 37, 220
RGB Percent	68%, 15%, 86%
CMY	0.3176, 0.8549, 0.1373
CMYK	0.21, 0.83, 0.00, 0.14
HSL	285°, 72%, 50%
HSV	285°, 83%, 86%
XYZ	31.0354, 15.4891, 69.0641
YIQ	98.8250, 22.9090, 85.9570

Conversions

Conversions Part 2

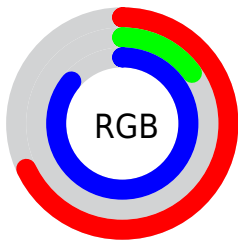
Format	Color
RYB	174, 37, 220
Decimal	11412956
CIELab	46.30, 75.78, -64.43
CIELCh	46, 99.472, 319.628
Yxy	15.4891, 0.2685, 0.1340
Android (android.graphics.Color)	4289603036 (0xFFAE25DC)
YUV	98.8250, 59.7393, 65.9285
Hunter-Lab	39.3562, 71.8876, -76.4955

Details

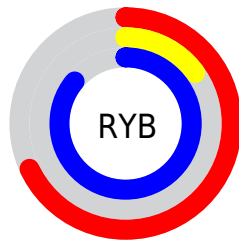
The Hex color **AE25DC** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **53DC25**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **EA66FF**, and **7400A4** is the 20% darker color. If you saturate the color by 10%, you get **A80FDC**, and if you desaturate by 10%, it is **B43BDC**.

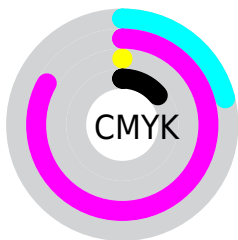
Distribution



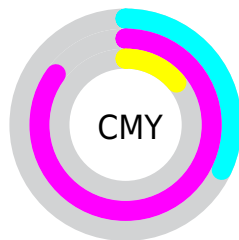
- Red (68%)
- Green (15%)
- Blue (86%)



- Red (68%)
- Yellow (15%)
- Blue (86%)



- Cyan (21%)
- Magenta (83%)
- Yellow (0%)
- Black (14%)



- Cyan (32%)
- Magenta (85%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE25DC 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 AE25DC by changing the saturation by 10% instead.

 AE25DC

 AE25DC

FFFFFF

 9100C0

 EA66FF

 7400A4

 FF83FF

 560089

 FF9FFF

 39006E

 FFBDFD

 190055

 FFDAFF

 00003D

 FFF8FF

 000226

 00010F

 000000

 AE25DC

 AE25DC

 A80FDC

 B43BDC

 A500DC

 B951DC

 BF67DC

 C47DDC

 CA93DC

 CFA9DC

 D5BFDC

 DAD5DC

 E0EBDC

Harmonies

Analogous

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



0066FF



AE25DC



EC008E

Triad

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



AE25DC



9E6000



008DA4

Complementary

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



AE25DC



53DC25

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.



008B4D



AE25DC



517A00

Square

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



AE25DC



D62500



008600



008CEE

Rectangle

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



AE25DC



F60058



008600



008D88

Sweetspot

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



AE25DC



EFBFFF



2556DC



765980



000000



808080

Same Dimension

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



AE25DC



BF00FF



DC25B1



6B636E



8200AD



22002E

Inverse Universe

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



DC2553



FF0040



25DC50



6E6365



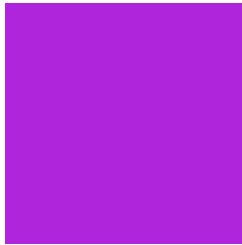
AD002C



2E000C

Previews

White Background



This preview shows how the Hex color AE25DC looks on a white background.

Color Contrast Check

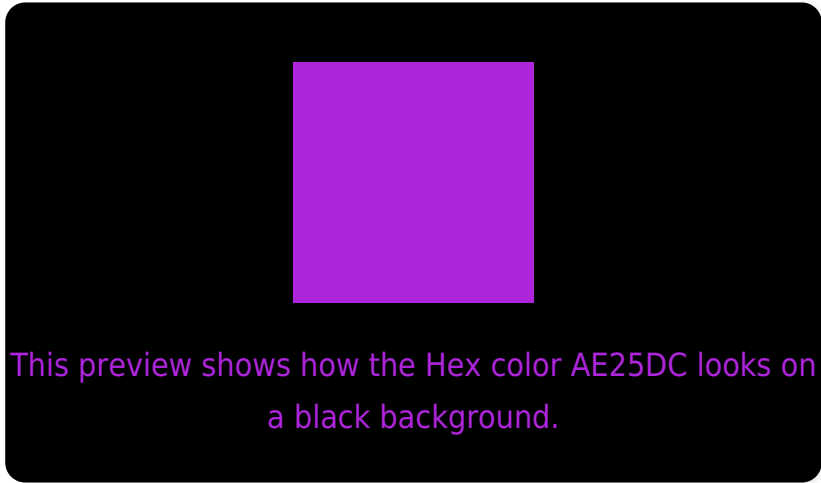
Large Text (above 18pt) WCAG AA ✓ Pass

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

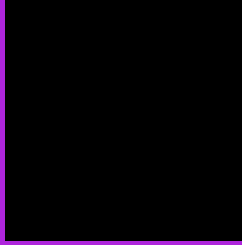
Any Text WCAG AA × Fail

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 AE25DC Background



This preview shows how black text looks on a background with the Hex color AE25DC.



This preview shows how white text looks on a background with the Hex color AE25DC.

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



Original Color
AE25DC

Protanopia
006AE1

Deuteranopia
0071C5



Tritanopia
9C5B62

Trichromacy



Original Color
AE25DC



Protanomaly
3F51DF



Deuteranomaly
3F55CD



Tritanomaly
A3478E

Monochromacy



Original Color
AE25DC



Achromatopsia
636363



Achromatomaly
7E4C8F

CSS Examples

Text

The CSS property to change the color of the text to Hex AE25DC 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 #AE25DC looks like.

```
.text, #text, p{  
    color:#AE25DC  
}
```

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 #AE25DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE25DC
}
```

Border

The CSS property to change the border of an element to Hex AE25DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

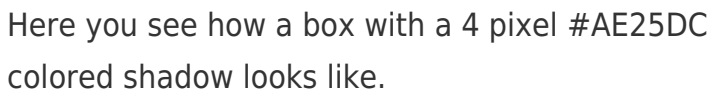
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE25DC }
```

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

```
.border{ border-color:#AE25DC }
```

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



Here you see how a box with a 4 pixel `#AE25DC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE25DC; -webkit-box-shadow:4px 4px  
4px 4px #AE25DC; box-shadow:4px 4px 4px  
4px #AE25DC }
```

Background

The CSS property to change the background color of an element to Hex AE25DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE25DC }
```

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

```
.background{ background-color:#AE25DC }
```

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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