

Converting Colors

Hex(AE56CE)

Have a look what the booklet for
Hex(AE56CE) contains.

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Color

Hex(AE56CE)

Conversions

Conversions Part 1

Format	Color
Hex	AE56CE
RGB	174, 86, 206
RGB Percent	68%, 34%, 81%
CMY	0.3176, 0.6627, 0.1922
CMYK	0.16, 0.58, 0.00, 0.19
HSL	284°, 55%, 57%
HSV	284°, 58%, 81%
XYZ	31.9239, 20.1105, 60.5917
YIQ	125.9920, 13.9280, 55.9760

Conversions

Conversions Part 2

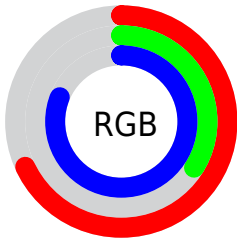
Format	Color
RYB	174, 86, 206
Decimal	11425486
CIELab	51.96, 54.62, -47.33
CIELCh	52, 72.274, 319.090
Yxy	20.1105, 0.2835, 0.1786
Android (android.graphics.Color)	4289615566 (0xFFAE56CE)
YUV	125.9920, 39.4439, 42.1030
Hunter-Lab	44.8447, 48.5918, -48.7180

Details

The Hex color **AE56CE** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **76CE56**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **E88CFF**, and **761F97** is the 20% darker color. If you saturate the color by 10%, you get **A941CE**, and if you desaturate by 10%, it is **B36BCE**.

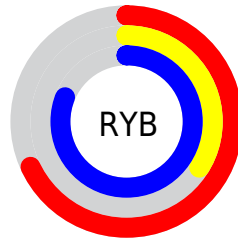
Distribution



Red (68%)

Green (34%)

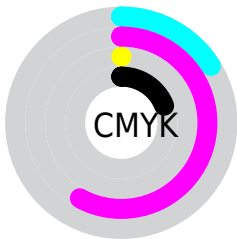
Blue (81%)



Red (68%)

Yellow (34%)

Blue (81%)

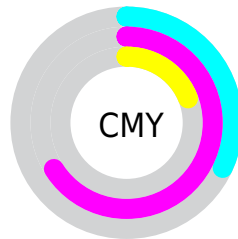


Cyan (16%)

Magenta (58%)

Yellow (0%)

Black (19%)



Cyan (32%)

Magenta (66%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE56CE 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 AE56CE by changing the saturation by 10% instead.

 AE56CE

 AE56CE

FFFFFF

 923BB2

 E88CFF

 761F97

 FFA7FF

 5B007D

 FFC3FF

 400063

 FFE0FF

 28004B

 FFFDFD

 010033

 00021D

 000000

 AE56CE

 AE56CE

 A941CE

 B36BCE

 A32DCE

 B97FCE

 9E18CE

 BE94CE

 9804CE

 C4A8CE

 9700CE

 C9BDCE

 CFD2CE

 D4E6CE

 DAFBCE

 DFFFCE

Harmonies

Analogous

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



3876F2



AE56CE



DD3495

Triad

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



AE56CE



A97100



0097A3

Complementary

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



AE56CE



76CE56

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.



009662



AE56CE



718500

Square

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



AE56CE



D2541B



04901F



0094D9

Rectangle

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



AE56CE



E72E6C



04901F



00978E

Sweetspot

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



AE56CE



F3D4FF



5676CE



796680



000000



808080

Same Dimension

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



AE56CE



CF4DFF



CE56B2



635C66



7A00A6



1C0026

Inverse Universe

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



CE5676



FF4D7C



56CE72



665C5F



A6002C



26000A

Previews

White Background



This preview shows how the Hex color AE56CE looks on a white background.

Color Contrast Check

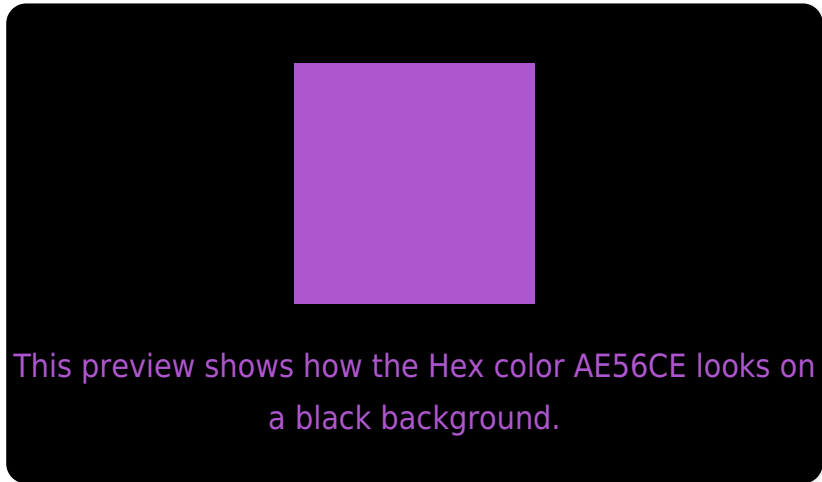
Large Text (above 18pt) WCAG AA ✓ Pass

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

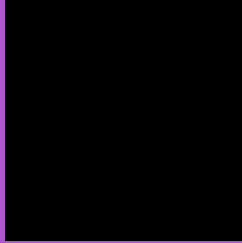
Any Text WCAG AA ✓ Pass

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 AE56CE Background



This preview shows how black text looks on a background with the Hex color AE56CE.



This preview shows how white text looks on a background with the Hex color AE56CE.

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
A16E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AE56CE 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 #AE56CE looks like.

```
.text, #text, p{  
    color:#AE56CE  
}
```

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 #AE56CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE56CE
}
```

Border

The CSS property to change the border of an element to Hex AE56CE 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
#AE56CE }
```

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

```
.border{ border-color:#AE56CE }
```

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

Here you see how a box with a 4 pixel #AE56CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE56CE; -webkit-box-shadow:4px 4px  
4px 4px #AE56CE; box-shadow:4px 4px 4px  
4px #AE56CE }
```

Background

The CSS property to change the background color of an element to Hex AE56CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE56CE }
```

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

```
.background{ background-color:#AE56CE }
```

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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