

Converting Colors

Hex(AE4F87)

Have a look what the booklet for
Hex(AE4F87) contains.

Hex(AE4F87)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AE4F87)

Conversions

Conversions Part 1

Format	Color
Hex	AE4F87
RGB	174, 79, 135
RGB Percent	68%, 31%, 53%
CMY	0.3176, 0.6902, 0.4706
CMYK	0.00, 0.55, 0.22, 0.32
HSL	325°, 38%, 50%
HSV	325°, 55%, 68%
XYZ	24.6247, 16.3399, 24.7777
YIQ	113.7890, 38.6440, 37.5560

Conversions

Conversions Part 2

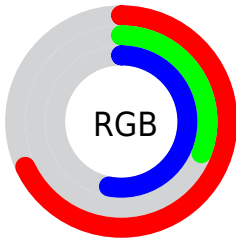
Format	Color
R_{YB}	174, 79, 135
Decimal	11423623
CIE _{Lab}	47.42, 45.40, -12.76
CIE _{LCh}	47, 47.158, 344.296
Yxy	16.3399, 0.3746, 0.2485
Android (android.graphics.Color)	4289613703 (0xFFAE4F87)
YUV	113.7890, 10.4570, 52.8050
Hunter-Lab	40.4226, 37.9992, -8.0469

Details

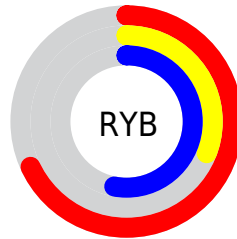
The Hex color **AE4F87** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **4FAE76**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **E884BC**, and **771955** is the 20% darker color. If you saturate the color by 10%, you get **AE3E80**, and if you desaturate by 10%, it is **AE608E**.

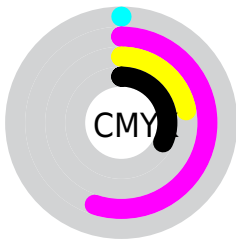
Distribution



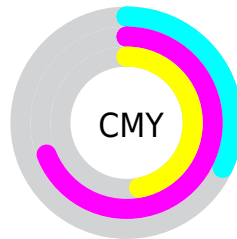
- Red (68%)
- Green (31%)
- Blue (53%)



- Red (68%)
- Yellow (31%)
- Blue (53%)



- Cyan (0%)
- Magenta (55%)
- Yellow (22%)
- Black (32%)



- Cyan (32%)
- Magenta (69%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE4F87 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 AE4F87 by changing the saturation by 10% instead.

 AE4F87

 AE4F87

FFFFFF

 92356E

 E884BC

 771955

 FF9FD8

 5C003E

 FFBBF5

 420028

 FFD7FF

 2B0013

 FFF4FF

 000000

 AE4F87

 AE4F87

 AE3E80

 AE608E

 AE2C79

 AE7295

 AE1B72

 AE839C

 AE096A

 AE95A4

 AE0067

 AEA6AB

 AEB7B2

 AEC9B9

 AEDAC0

 AEECC7

Harmonies

Analogous

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



8B5EAA



AE4F87



B94C5F

Triad

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



AE4F87



73741C



0082A7

Complementary

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



AE4F87



4FAE76

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.



008483



AE4F87



467D34

Square

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



AE4F87



976720



00825A



007BBD

Rectangle

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



AE4F87



B55246



00825A



00839C

Sweetspot

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



AE4F87



E3BFD4



754FAE



735D6A



F2F2F2



737373

Same Dimension

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



AE4F87



E34DA5



AE4F59



574E53



960059



17000E

Inverse Universe

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



AE4F87



E34DA5



4FAEA5



574E53



960059



17000E

Previews

White Background



This preview shows how the Hex color AE4F87 looks on a white background.

Color Contrast Check

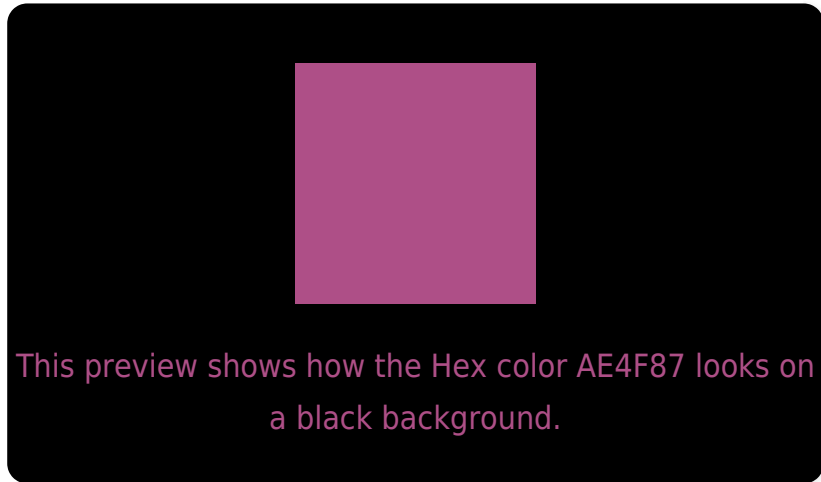
Large Text (above 18pt) WCAG AA ✓ Pass

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

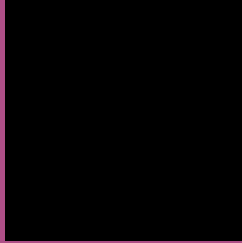
Any Text WCAG AA × Fail

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 AE4F87 Background



This preview shows how black text looks on a background with the Hex color AE4F87.



This preview shows how white text looks on a background with the Hex color AE4F87.

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



Trichromacy



Original Color
AE4F87

Protanomaly
7E6396

Deuteranomaly
896384

Tritanomaly
AB556D

Monochromacy



Original Color
AE4F87

Achromatopsia
727272

Achromatomaly
88657A

CSS Examples

Text

The CSS property to change the color of the text to Hex AE4F87 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 #AE4F87 looks like.

```
.text, #text, p{  
    color:#AE4F87  
}
```

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 #AE4F87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE4F87
}
```

Border

The CSS property to change the border of an element to Hex AE4F87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

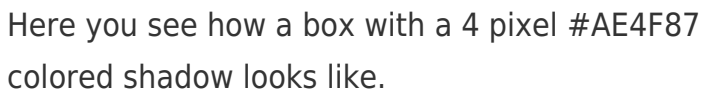
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE4F87 }
```

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

```
.border{ border-color:#AE4F87 }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border and a purple shadow. The shadow is a solid purple rectangle that is 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #AE4F87 colored shadow looks like."

Here you see how a box with a 4 pixel #AE4F87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE4F87; -webkit-box-shadow:4px 4px  
4px 4px #AE4F87; box-shadow:4px 4px 4px  
4px #AE4F87 }
```

Background

The CSS property to change the background color of an element to Hex AE4F87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE4F87 }
```

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

```
.background{ background-color:#AE4F87 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor