

Converting Colors

Hex(AC537E)

Have a look what the booklet for
Hex(AC537E) contains.

Hex(AC537E)	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(AC537E)

Conversions

Conversions Part 1

Format	Color
Hex	AC537E
RGB	172, 83, 126
RGB Percent	67%, 33%, 49%
CMY	0.3255, 0.6745, 0.5059
CMYK	0.00, 0.52, 0.27, 0.33
HSL	331°, 35%, 50%
HSV	331°, 52%, 67%
XYZ	23.8724, 16.4635, 21.6582
YIQ	114.5130, 39.2410, 32.2410

Conversions

Conversions Part 2

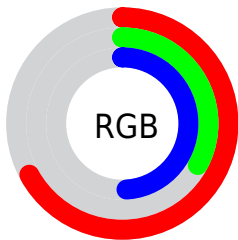
Format	Color
R_{YB}	172, 83, 126
Decimal	11293566
CIE _{Lab}	47.58, 41.43, -7.13
CIE _{LCh}	48, 42.040, 350.231
Yxy	16.4635, 0.3851, 0.2656
Android (android.graphics.Color)	4289483646 (0xFFAC537E)
YUV	114.5130, 5.6631, 50.4161
Hunter-Lab	40.5753, 34.0135, -3.2451

Details

The Hex color **AC537E** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **53AC81**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **E587B3**, and **751F4D** is the 20% darker color. If you saturate the color by 10%, you get **AC4275**, and if you desaturate by 10%, it is **AC6487**.

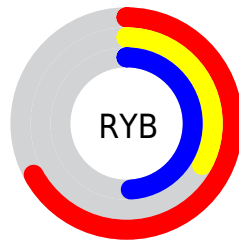
Distribution



Red (67%)

Green (33%)

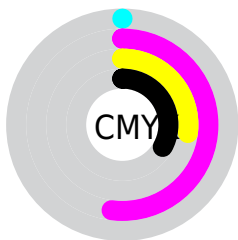
Blue (49%)



Red (67%)

Yellow (33%)

Blue (49%)

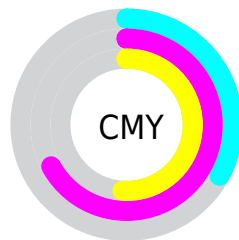


Cyan (0%)

Magenta (52%)

Yellow (27%)

Black (33%)



Cyan (33%)

Magenta (67%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC537E 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 AC537E by changing the saturation by 10% instead.

■ AC537E

■ AC537E

FFFFFF

■ 903965

■ E587B3

■ 751F4D

■ FFA2CE

■ 5A0036

■ FFBEEA

■ 400021

■ FFDBFF

■ 2A0009

■ FFF7FF

■ 000000

■ AC537E

■ AC537E

■ AC4275

■ AC6487

■ AC316C

■ AC7590

 AC1F63

 AC8799

 AC0E5A

 AC98A2

 AC0053

 ACA9AA

 ACBAB3

 ACCBBC

 ACDDC5

 ACEECE

Harmonies

Analogous

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



915E9F



AC537E



B2535A

Triad

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



AC537E



6D762A



007FA7

Complementary

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



AC537E



53AC81

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.



008288



AC537E



437E42

Square

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



AC537E



8F6B28



008264



0078B6

Rectangle

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



AC537E



AD5945



008264



00819E

Sweetspot

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



AC537E



E0BCCE



8153AC



705B65



F0F0F0



707070

Same Dimension

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



AC537E



E05598



AC5453



574E52



960049



17000B

Inverse Universe

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



AC537E



E05598



53ABAC



574E52



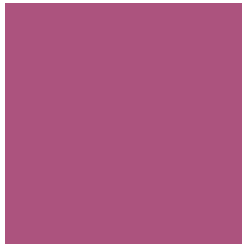
960049



17000B

Previews

White Background



This preview shows how the Hex color AC537E looks on a white background.

Color Contrast Check

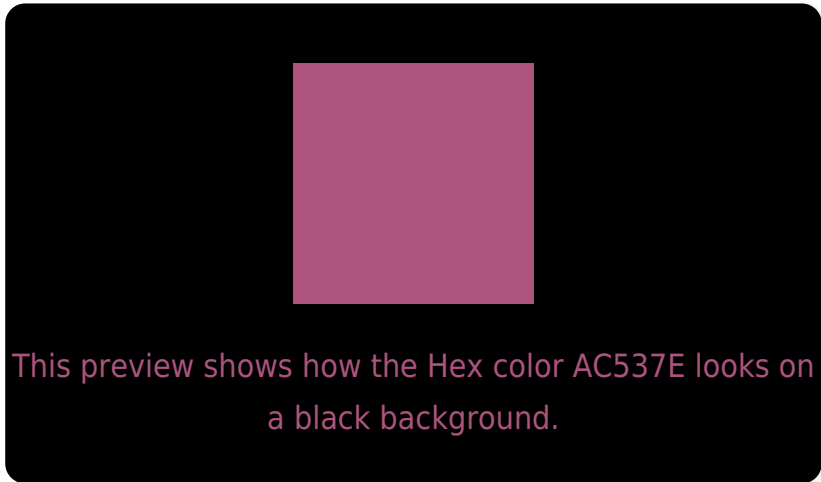
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC537E Background



This preview shows how black text looks on a background with the Hex color AC537E.



This preview shows how white text looks on a background with the Hex color AC537E.

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
A95960

Trichromacy



Original Color
AC537E

Protanomaly
81658A

Deuteranomaly
8C647B

Tritanomaly
AA576B

Monochromacy



Original Color
AC537E

Achromatopsia
737373

Achromatomaly
886777

CSS Examples

Text

The CSS property to change the color of the text to Hex AC537E 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 #AC537E looks like.

```
.text, #text, p{  
    color:#AC537E  
}
```

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 #AC537E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC537E
}
```

Border

The CSS property to change the border of an element to Hex AC537E is called "border". The border property can be set on classes, ids or directly on the HTML element.

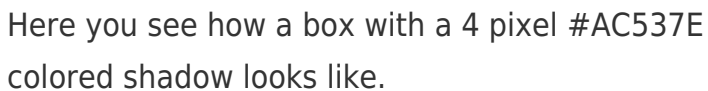
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC537E }
```

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

```
.border{ border-color:#AC537E }
```

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



Here you see how a box with a 4 pixel `#AC537E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC537E; -webkit-box-shadow:4px 4px  
4px 4px #AC537E; box-shadow:4px 4px 4px  
4px #AC537E }
```

Background

The CSS property to change the background color of an element to Hex AC537E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC537E }
```

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

```
.background{ background-color:#AC537E }
```

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