

Converting Colors

Hex(AC568B)

Have a look what the booklet for
Hex(AC568B) contains.

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Color

Hex(AC568B)

Conversions

Conversions Part 1

Format	Color
Hex	AC568B
RGB	172, 86, 139
RGB Percent	67%, 34%, 55%
CMY	0.3255, 0.6627, 0.4549
CMYK	0.00, 0.50, 0.19, 0.33
HSL	323°, 34%, 51%
HSV	323°, 50%, 67%
XYZ	25.0012, 17.2903, 26.4458
YIQ	117.7560, 34.2430, 34.7150

Conversions

Conversions Part 2

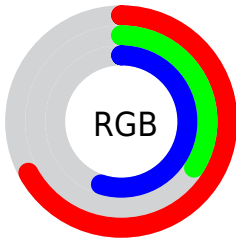
Format	Color
R_{YB}	172, 86, 139
Decimal	11294347
CIE _{Lab}	48.62, 41.81, -13.36
CIE _{LCh}	49, 43.898, 342.275
Yxy	17.2903, 0.3637, 0.2515
Android (android.graphics.Color)	4289484427 (0xFFAC568B)
YUV	117.7560, 10.4733, 47.5720
Hunter-Lab	41.5816, 34.5566, -8.6011

Details

The Hex color **AC568B** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **56AC77**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **E58AC1**, and **752259** is the 20% darker color. If you saturate the color by 10%, you get **AC4584**, and if you desaturate by 10%, it is **AC6792**.

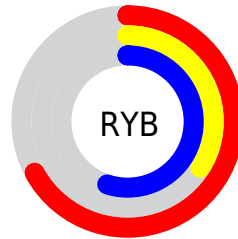
Distribution



Red (67%)

Green (34%)

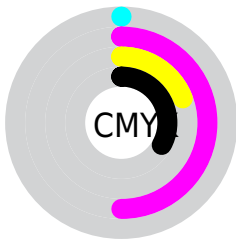
Blue (55%)



Red (67%)

Yellow (34%)

Blue (55%)

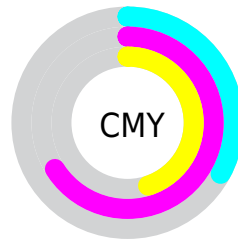


Cyan (0%)

Magenta (50%)

Yellow (19%)

Black (33%)



Cyan (33%)

Magenta (66%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC568B 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 AC568B by changing the saturation by 10% instead.

 AC568B

 AC568B

FFFFFF

 903C71

 E58AC1

 752259

 FFA6DC

 5B0241

 FFC1F9

 41002B

 FFDEFF

 2B0017

 FFFBFF

 000000

 AC568B

 AC568B

 AC4584

 AC6792

 AC347E

 AC7898

 AC2277

 AC8A9F

 AC1171

 AC9BA5

 AC006A

 ACACAC

 ACBDB3

 ACCEB9

 ACE0C0

 ACF1C6

Harmonies

Analogous

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



8A63AB



AC568B



B85366

Triad

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



AC568B



7A7626



0084A5

Complementary

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



AC568B



56AC77

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.



008682



AC568B



517F3A

Square

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



AC568B



9A6A2B



00845C



007EBA

Rectangle

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



AC568B



B5584E



00845C



00859A

Sweetspot

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



AC568B



E0BFD3



7756AC



705C68



F0F0F0



707070

Same Dimension

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



AC568B



E05AAD



AC5660



574E53



96005D



17000E

Inverse Universe

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



AC568B



E05AAD



56ACA2



574E53



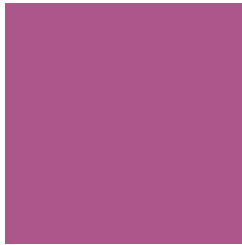
96005D



17000E

Previews

White Background



This preview shows how the Hex color AC568B looks on a white background.

Color Contrast Check

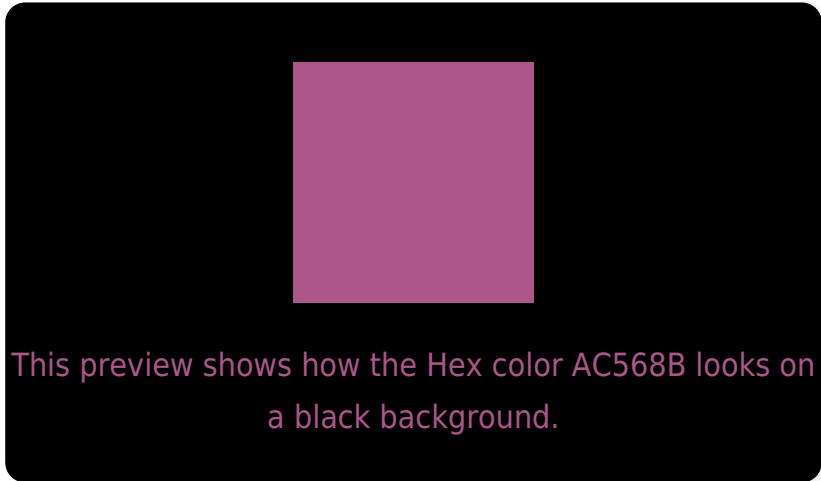
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC568B Background



This preview shows how black text looks on a background with the Hex color AC568B.

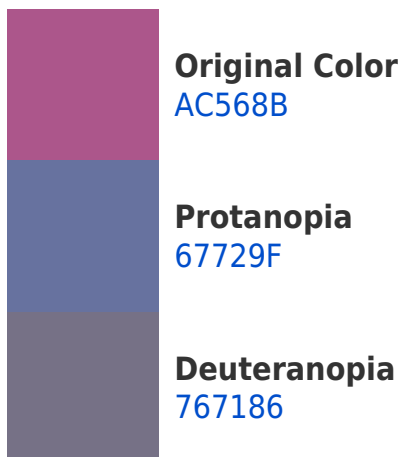



This preview shows how white text looks on a background with the Hex color AC568B.

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](#).

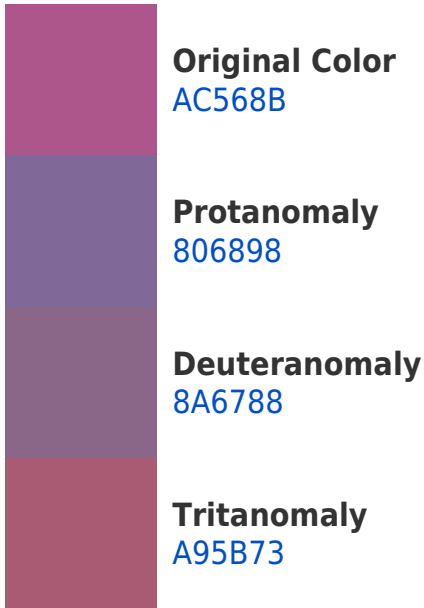
Dichromacy





Tritanopia
A85E65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC568B 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 #AC568B looks like.

```
.text, #text, p{  
    color:#AC568B  
}
```

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 #AC568B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC568B
}
```

Border

The CSS property to change the border of an element to Hex AC568B is called "border". The border property can be set on classes, ids or directly on the HTML element.

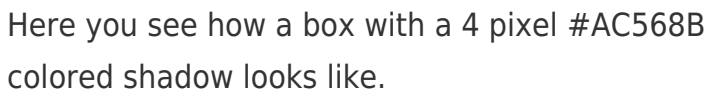
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC568B }
```

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

```
.border{ border-color:#AC568B }
```

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



Here you see how a box with a 4 pixel #AC568B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC568B; -webkit-box-shadow:4px 4px  
4px 4px #AC568B; box-shadow:4px 4px 4px  
4px #AC568B }
```

Background

The CSS property to change the background color of an element to Hex AC568B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC568B }
```

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

```
.background{ background-color:#AC568B }
```

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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