

Converting Colors

Hex(AA4C8E)

Have a look what the booklet for
Hex(AA4C8E) contains.

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Color

Hex(AA4C8E)

Conversions

Conversions Part 1

Format	Color
Hex	AA4C8E
RGB	170, 76, 142
RGB Percent	67%, 30%, 56%
CMY	0.3333, 0.7020, 0.4431
CMYK	0.00, 0.55, 0.16, 0.33
HSL	318°, 38%, 48%
HSV	318°, 55%, 67%
XYZ	24.0445, 15.6679, 27.3481
YIQ	111.6300, 34.8380, 40.4540

Conversions

Conversions Part 2

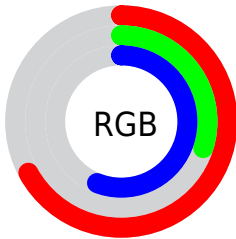
Format	Color
RYB	170, 76, 142
Decimal	11160718
CIELab	46.54, 46.67, -18.37
CIELCh	47, 50.158, 338.518
Yxy	15.6679, 0.3585, 0.2336
Android (android.graphics.Color)	4289350798 (0xFFAA4C8E)
YUV	111.6300, 14.9724, 51.1905
Hunter-Lab	39.5827, 39.1599, -13.2562

Details

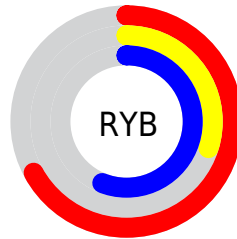
The Hex color **AA4C8E** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **4CAA68**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **E381C4**, and **73145C** is the 20% darker color. If you saturate the color by 10%, you get **AA3B89**, and if you desaturate by 10%, it is **AA5D93**.

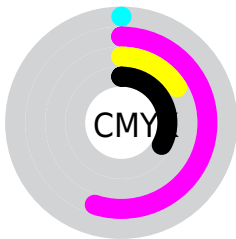
Distribution



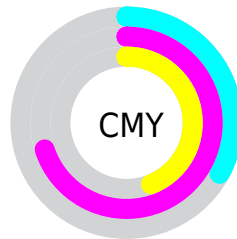
- Red (67%)
- Green (30%)
- Blue (56%)



- Red (67%)
- Yellow (30%)
- Blue (56%)



- Cyan (0%)
- Magenta (55%)
- Yellow (16%)
- Black (33%)



- Cyan (33%)
- Magenta (70%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA4C8E 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 AA4C8E by changing the saturation by 10% instead.

■ AA4C8E

■ AA4C8E

FFFFFF

■ 8E3274

■ E381C4

■ 73145C

■ FF9CE0

■ 590044

■ FFB8FC

■ 3F002D

■ FFD4FF

■ 280019

■ FFF1FF

■ 000000

■ AA4C8E

■ AA4C8E

■ AA3B89

■ AA5D93

■ AA2A84

■ AA6E98

■ AA197F

■ AA7F9D

■ AA087A

■ AA90A2

■ AA0077

■ AAA1A7

■ AAB2AC

■ AAC3B1

■ AAD4B7

■ AAE5BC

Harmonies

Analogous

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



7F5EB1



AA4C8E



BA4564

Triad

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



AA4C8E



79700D



0081A2

Complementary

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



AA4C8E



4CAA68

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.



008279



AA4C8E



4B7A27

Square

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



AA4C8E



9C611B



00804E



007BBC

Rectangle

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



AA4C8E



B84B49



00804E



008295

Sweetspot

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



AA4C8E



DEB8D3



674CAA



705A6A



F0F0F0



707070

Same Dimension

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



AA4C8E



DE4BB2



AA4C60



544C52



940068



14000E

Inverse Universe

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



AA4C8E



DE4BB2



4CAA96



544C52



940068



14000E

Previews

White Background



This preview shows how the Hex color AA4C8E looks on a white background.

Color Contrast Check

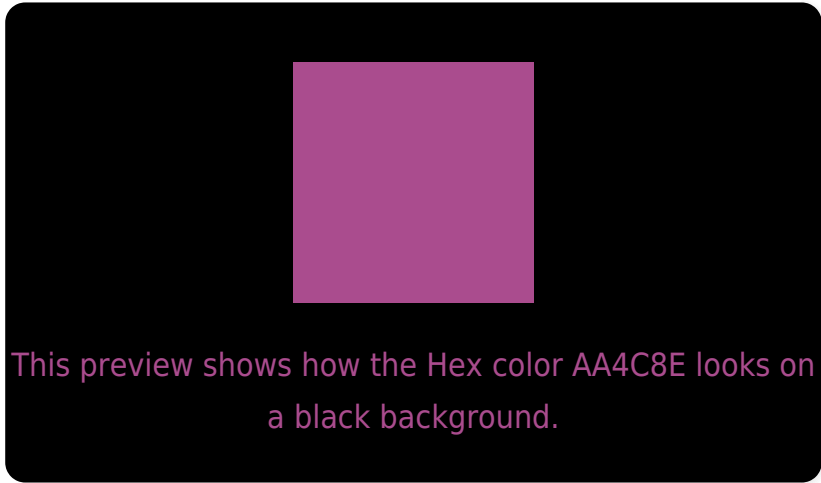
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA4C8E Background



This preview shows how black text looks on a background with the Hex color AA4C8E.

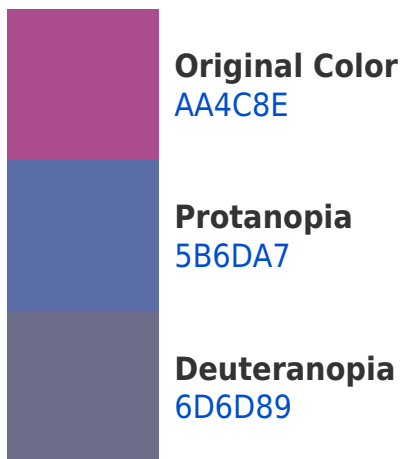


This preview shows how white text looks on a background with the Hex color AA4C8E.

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](#).

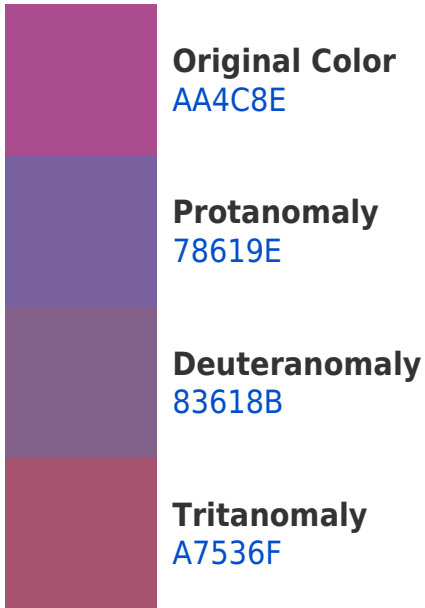
Dichromacy



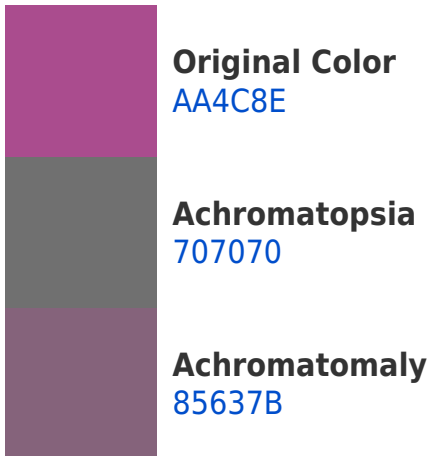


Tritanopia
A5575E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA4C8E 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 #AA4C8E looks like.

```
.text, #text, p{  
    color:#AA4C8E  
}
```

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 #AA4C8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA4C8E
}
```

Border

The CSS property to change the border of an element to Hex AA4C8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

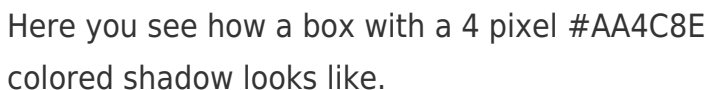
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA4C8E }
```

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

```
.border{ border-color:#AA4C8E }
```

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



Here you see how a box with a 4 pixel #AA4C8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA4C8E; -webkit-box-shadow:4px 4px  
4px 4px #AA4C8E; box-shadow:4px 4px 4px  
4px #AA4C8E }
```

Background

The CSS property to change the background color of an element to Hex AA4C8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA4C8E }
```

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

```
.background{ background-color:#AA4C8E }
```

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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