

Converting Colors

Hex(AA648E)

Have a look what the booklet for
Hex(AA648E) contains.

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Color

Hex(AA648E)

Conversions

Conversions Part 1

Format	Color
Hex	AA648E
RGB	170, 100, 142
RGB Percent	67%, 39%, 56%
CMY	0.3333, 0.6078, 0.4431
CMYK	0.00, 0.41, 0.16, 0.33
HSL	324°, 29%, 53%
HSV	324°, 41%, 67%
XYZ	26.0172, 19.6134, 28.0057
YIQ	125.7180, 28.2380, 27.9020

Conversions

Conversions Part 2

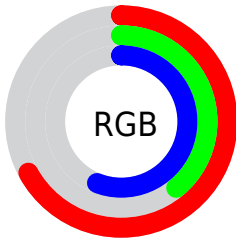
Format	Color
R_{YB}	170, 100, 142
Decimal	11166862
CIE _{Lab}	51.40, 34.14, -10.99
CIE _{LCh}	51, 35.866, 342.157
Yxy	19.6134, 0.3533, 0.2664
Android (android.graphics.Color)	4289356942 (0xFFAA648E)
YUV	125.7180, 8.0270, 38.8353
Hunter-Lab	44.2870, 27.3609, -6.4922

Details

The Hex color **AA648E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **64AA80**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **E398C4**, and **74335C** is the 20% darker color. If you saturate the color by 10%, you get **AA5387**, and if you desaturate by 10%, it is **AA7595**.

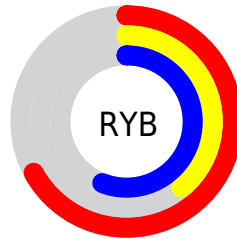
Distribution



Red (67%)

Green (39%)

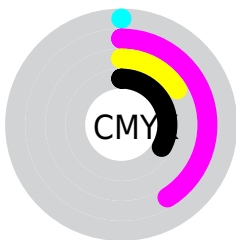
Blue (56%)



Red (67%)

Yellow (39%)

Blue (56%)

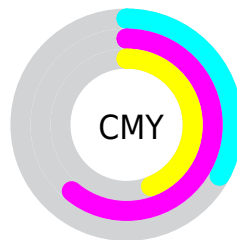


Cyan (0%)

Magenta (41%)

Yellow (16%)

Black (33%)



Cyan (33%)

Magenta (61%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA648E 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 AA648E by changing the saturation by 10% instead.

■ AA648E

■ AA648E

FFFFFF

■ 8F4B74

■ E398C4

■ 74335C

■ FFB3E0

■ 5A1A44

■ FFCFFC

■ 41002E

■ FFECFF

■ 2C001A

■ 000000

■ AA648E

■ AA648E

■ AA5387

■ AA7595

■ AA4280

■ AA869C

■ AA317A

■ AA97A2

■ AA2073

■ AAA8A9

■ AA0F6C

■ AAB9B0

■ AA0066

■ AACAB7

■ AADBBE

■ AAEECC4

■ AAFDCB

Harmonies

Analogous

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



8D6EA8



AA648E



B5626F

Triad

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



AA648E



817D3D



0088A3

Complementary

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



AA648E



64AA80

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.



008A86



AA648E



60844C

Square

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



AA648E



9D7240



348967



1283B4

Rectangle

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



AA648E



B3655B



348967



008A9A

Sweetspot

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



AA648E



DEC3D3



8064AA



70606A



F0F0F0



707070

Same Dimension

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



AA648E



DE71B2



AA646B



544C51



940059



14000C

Inverse Universe

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



AA648E



DE71B2



64AAA3



544C51



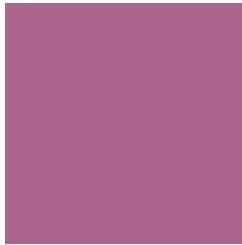
940059



14000C

Previews

White Background



This preview shows how the Hex color AA648E looks on a white background.

Color Contrast Check

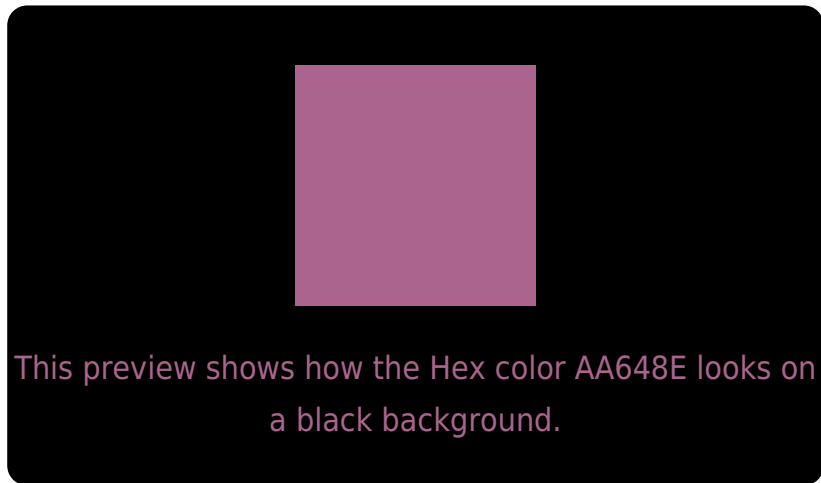
Large Text (above 18pt) WCAG AA ✓ Pass

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

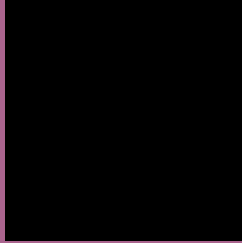
Any Text WCAG AA ✓ Pass

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 AA648E Background



This preview shows how black text looks on a background with the Hex color AA648E.

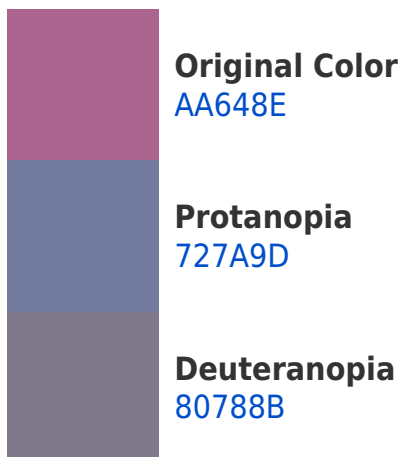



This preview shows how white text looks on a background with the Hex color AA648E.

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](#).

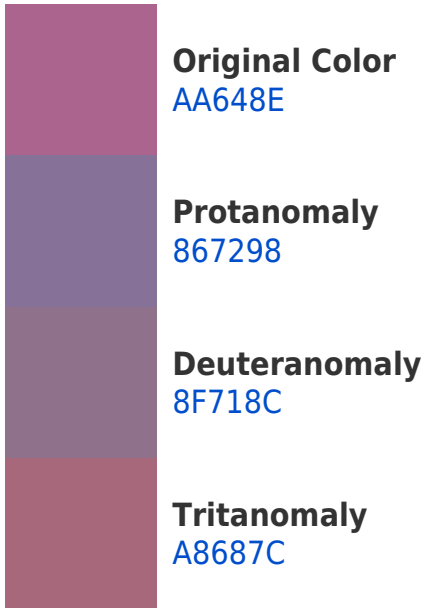
Dichromacy





Tritanopia
A76A71

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA648E 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 #AA648E looks like.

```
.text, #text, p{  
    color:#AA648E  
}
```

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 #AA648E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA648E
}
```

Border

The CSS property to change the border of an element to Hex AA648E is called "border". The border property can be set on classes, ids or directly on the HTML element.

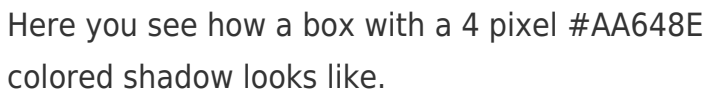
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA648E }
```

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

```
.border{ border-color:#AA648E }
```

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



Here you see how a box with a 4 pixel #AA648E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA648E; -webkit-box-shadow:4px 4px  
4px 4px #AA648E; box-shadow:4px 4px 4px  
4px #AA648E }
```

Background

The CSS property to change the background color of an element to Hex AA648E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA648E }
```

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

```
.background{ background-color:#AA648E }
```

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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