

Converting Colors

Hex(AA4DA9)

Have a look what the booklet for
Hex(AA4DA9) contains.

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Color

Hex(AA4DA9)

Conversions

Conversions Part 1

Format	Color
Hex	AA4DA9
RGB	170, 77, 169
RGB Percent	67%, 30%, 66%
CMY	0.3333, 0.6980, 0.3373
CMYK	0.00, 0.55, 0.01, 0.33
HSL	301°, 38%, 48%
HSV	301°, 55%, 67%
XYZ	26.3929, 16.7184, 39.3720
YIQ	115.2950, 25.8960, 48.3280

Conversions

Conversions Part 2

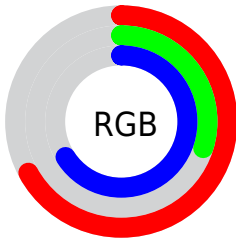
Format	Color
R_{YB}	170, 77, 169
Decimal	11161001
CIE _{Lab}	47.90, 50.76, -32.31
CIE _{LCh}	48, 60.167, 327.522
Yxy	16.7184, 0.3200, 0.2027
Android (android.graphics.Color)	4289351081 (0xFFAA4DA9)
YUV	115.2950, 26.4766, 47.9763
Hunter-Lab	40.8881, 43.6658, -28.4699

Details

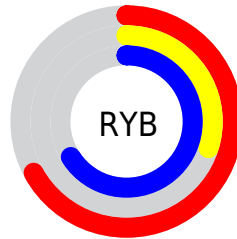
The Hex color **AA4DA9** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4DAA4E**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **E382E1**, and **731474** is the 20% darker color. If you saturate the color by 10%, you get **AA3CA9**, and if you desaturate by 10%, it is **AA5EA9**.

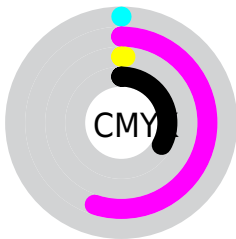
Distribution



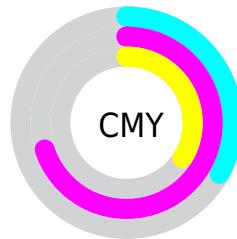
- Red (67%)
- Green (30%)
- Blue (66%)



- Red (67%)
- Yellow (30%)
- Blue (66%)



- Cyan (0%)
- Magenta (55%)
- Yellow (1%)
- Black (33%)



- Cyan (33%)
- Magenta (70%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA4DA9 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 AA4DA9 by changing the saturation by 10% instead.

■ AA4DA9

■ AA4DA9

FFFFFF

■ 8E328E

■ E382E1

■ 731474

■ FF9EFD

■ 59005B

■ FFBAFF

■ 3F0043

■ FFD6FF

■ 28002D

■ FFF3FF

■ 000117

■ 000000

■ AA4DA9

■ AA4DA9

■ AA3CA9

■ AA5EA9

■ AA2BA9

■ AA6FA9

■ AA1AA8

■ AA80AA

■ AA09A8

■ AA91AA

■ AA00A8

■ AAA2AA

■ AAB3AA

■ AAC4AA

■ AAD5AA

■ AAE6AB

Harmonies

Analogous

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



6666CC



AA4DA9



C83B78

Triad

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



AA4DA9



8C6E00



00889F

Complementary

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



AA4DA9



4DAA4E

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.



00886C



AA4DA9



5B7C00

Square

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



AA4DA9



B25917



008537



0084C7

Rectangle

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



AA4DA9



CB3D56



008537



00898F

Sweetspot

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



AA4DA9



DEBADD



4D4DAA



705B70



F0F0F0



707070

Same Dimension

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



AA4DA9



DE4BDC



AA4D7B



544C54



940092



140014

Inverse Universe

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



AA4DA9



DE4BDC



4DAA7B



544C54



940092



140014

Previews

White Background



This preview shows how the Hex color AA4DA9 looks on a white background.

Color Contrast Check

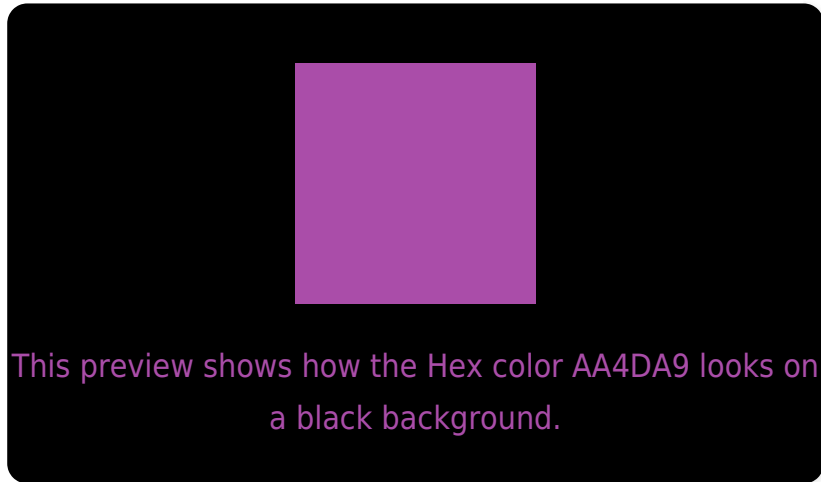
Large Text (above 18pt) WCAG AA ✓ Pass

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

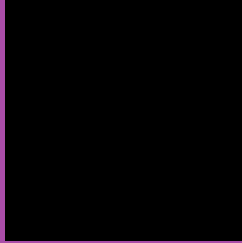
Any Text WCAG AA × Fail

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 AA4DA9 Background



This preview shows how black text looks on a background with the Hex color AA4DA9.

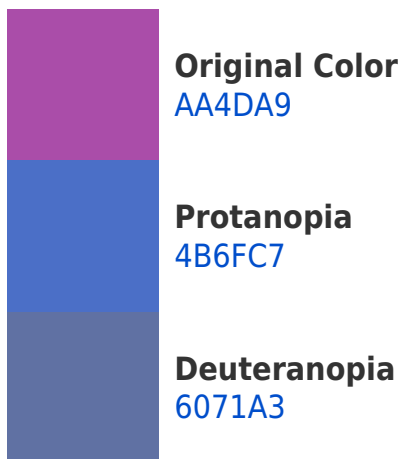



This preview shows how white text looks on a background with the Hex color AA4DA9.

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



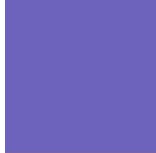


Tritanopia
A25E65

Trichromacy



Original Color
AA4DA9



Protanomaly
6E63BC



Deuteranomaly
7B64A5



Tritanomaly
A5587E

Monochromacy



Original Color
AA4DA9



Achromatopsia
737373



Achromatomaly
876587

CSS Examples

Text

The CSS property to change the color of the text to Hex AA4DA9 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 #AA4DA9 looks like.

```
.text, #text, p{  
    color:#AA4DA9  
}
```

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 #AA4DA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA4DA9
}
```

Border

The CSS property to change the border of an element to Hex AA4DA9 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
#AA4DA9 }
```

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

```
.border{ border-color:#AA4DA9 }
```

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

Here you see how a box with a 4 pixel #AA4DA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA4DA9; -webkit-box-shadow:4px 4px  
4px 4px #AA4DA9; box-shadow:4px 4px 4px  
4px #AA4DA9 }
```

Background

The CSS property to change the background color of an element to Hex AA4DA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA4DA9 }
```

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

```
.background{ background-color:#AA4DA9 }
```

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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