

Converting Colors

Hex(A4009E)

Have a look what the booklet for
Hex(A4009E) contains.

Hex(A4009E)	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(A4009E)

Conversions

Conversions Part 1

Format	Color
Hex	A4009E
RGB	164, 0, 158
RGB Percent	64%, 0%, 62%
CMY	0.3569, 1.0000, 0.3804
CMYK	0.00, 1.00, 0.04, 0.36
HSL	302°, 100%, 32%
HSV	302°, 100%, 64%
XYZ	21.4814, 10.3611, 33.2155
YIQ	67.0480, 47.0260, 83.9060

Conversions

Conversions Part 2

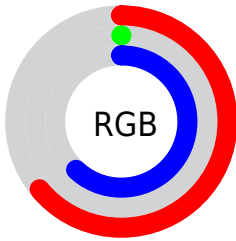
Format	Color
RYB	164, 0, 158
Decimal	10748062
CIELab	38.48, 69.72, -40.70
CIElCh	38, 80.732, 329.727
Yxy	10.3611, 0.3302, 0.1593
Android (android.graphics.Color)	4288938142 (0xFFA4009E)
YUV	67.0480, 44.8393, 85.0269
Hunter-Lab	32.1887, 62.7931, -38.6491

Details

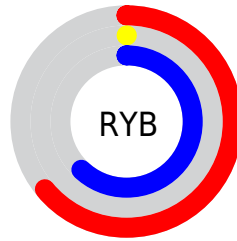
The Hex color **A4009E** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **00A406**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **DF52D5**, and **6B006A** is the 20% darker color. If you saturate the color by 10%, you get **A4009E**, and if you desaturate by 10%, it is **A4109F**.

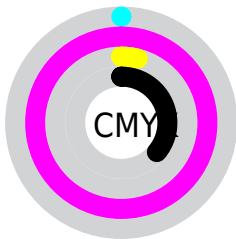
Distribution



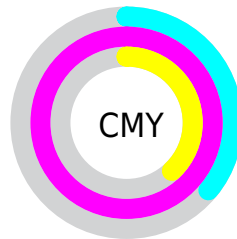
- Red (64%)
- Green (0%)
- Blue (62%)



- Red (64%)
- Yellow (0%)
- Blue (62%)



- Cyan (0%)
- Magenta (100%)
- Yellow (4%)
- Black (36%)



- Cyan (36%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color A4009E 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 A4009E by changing the saturation by 10% instead.

 A4009E

 A4009E

FFFFFF

 870083

 DF52D5

 6B006A

 FD6FF2

 500051

 FF8CFF

 37003A

 FFA9FF

 160023

 FFC6FF

 000009

 FFE3FF

 000000

 A4009E

 A4109F

 A4219F

 A431A0

 A442A0

 A452A1

 A462A2

 A473A2

 A483A3

 A494A3

Harmonies

Analogous

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



4149CF



A4009E



C5005E

Triad

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



A4009E



705800



00749B

Complementary

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



A4009E



00A406

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.



007358



A4009E



2A6900

Square

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



A4009E



A13900



007008



0071CD

Rectangle

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



A4009E



C50034



007008



007486

Sweetspot

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



A4009E



D696D4



0500A4



6B456A



EBEBEB



6B6B6B

Same Dimension

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



A4009E



D600CE



A4004D



524951



91008C



120011

Inverse Universe

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



A4009E



D600CE



00A457



524951



91008C



120011

Previews

White Background



This preview shows how the Hex color A4009E looks on a white background.

Color Contrast Check

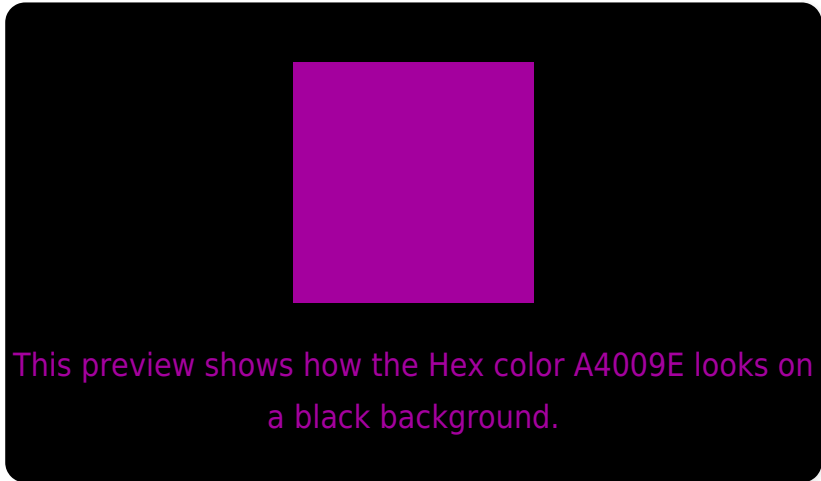
Large Text (above 18pt) WCAG AA ✓ Pass

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

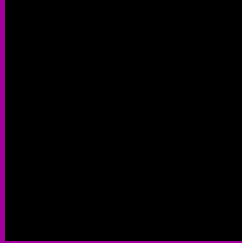
Any Text WCAG AA × Fail

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 A4009E Background



This preview shows how black text looks on a background with the Hex color A4009E.

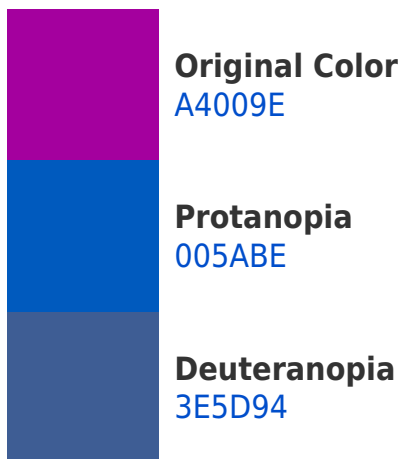



This preview shows how white text looks on a background with the Hex color A4009E.

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
9B3E42

Trichromacy



Original Color
A4009E



Protanomaly
3C39B2



Deuteranomaly
633B98



Tritanomaly
9E2763

Monochromacy



Original Color
A4009E



Achromatopsia
434343



Achromatomaly
662B64

CSS Examples

Text

The CSS property to change the color of the text to Hex A4009E 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 #A4009E looks like.

```
.text, #text, p{  
    color:#A4009E  
}
```

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 #A4009E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4009E
}
```

Border

The CSS property to change the border of an element to Hex A4009E is called "border". The border property can be set on classes, ids or directly on the HTML element.

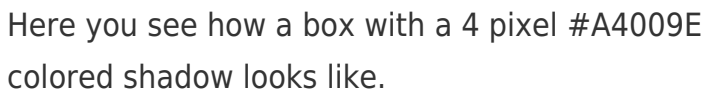
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A4009E }
```

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

```
.border{ border-color:#A4009E }
```

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



Here you see how a box with a 4 pixel #A4009E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4009E; -webkit-box-shadow:4px 4px  
4px 4px #A4009E; box-shadow:4px 4px 4px  
4px #A4009E }
```

Background

The CSS property to change the background color of an element to Hex A4009E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4009E }
```

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

```
.background{ background-color:#A4009E }
```

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