

# Converting Colors

Hex(A4008C)

Have a look what the booklet for  
Hex(A4008C) contains.

<b>Hex(A4008C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A4008C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A4008C
RGB	164, 0, 140
RGB Percent	64%, 0%, 55%
CMY	0.3569, 1.0000, 0.4510
CMYK	0.00, 1.00, 0.15, 0.36
HSL	309°, 100%, 32%
HSV	309°, 100%, 64%
XYZ	20.0435, 9.7860, 25.6434
YIQ	64.9960, 52.8040, 78.3080

# Conversions

## Conversions Part 2

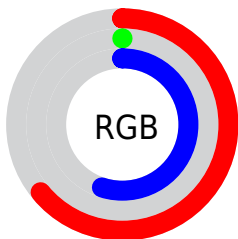
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 0, 140
Decimal	10748044
CIELab	37.46, 67.20, -31.35
CIELCh	37, 74.150, 334.993
Yxy	9.7860, 0.3613, 0.1764
Android (android.graphics.Color)	4288938124 (0xFFA4008C)
YUV	64.9960, 36.9770, 86.8265
Hunter-Lab	31.2825, 59.6248, -26.7044

# Details

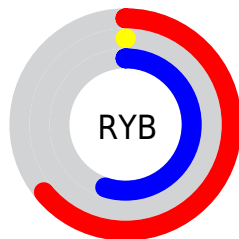
The Hex color **A4008C** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **00A418**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **DF51C2**, and **6B0059** is the 20% darker color. If you saturate the color by 10%, you get **A4008C**, and if you desaturate by 10%, it is **A4108E**.

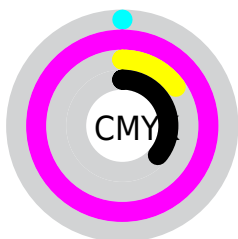
# Distribution



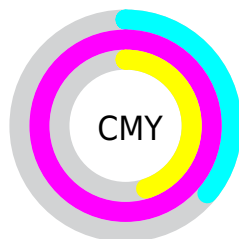
- Red (64%)
- Green (0%)
- Blue (55%)



- Red (64%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (36%)



- Cyan (36%)
- Magenta (100%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4008C 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 A4008C by changing the saturation by 10% instead.



 A4008C

 A4008C

FFFFFF

 870072

 DF51C2

 6B0059

 FD6EDE

 500041

 FF8BFB

 36002B

 FFA7FF


 140015

 FFC4FF

 000000

 FFE2FF

 A4008C

 A4108E

 A42191

 A43193

 A44296

 A45298

 A4629A

 A4739D

 A4839F

 A494A2

# Harmonies

## Analogous

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



5C42BC



A4008C



BC0051

# Triad

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



A4008C



645900



00709C

# Complementary

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



A4008C



00A418

# 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.



007061



A4008C



1C6700

# Square

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



A4008C



934000



006D20



006BC6

# Rectangle

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



A4008C



B9002A



006D20



00708A



# Sweetspot

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



A4008C



D696CD



1600A4



6B4565



EBEBEB



6B6B6B



# Same Dimension

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



A4008C



D600B7



A4003C



524950



91007C



12000F



# Inverse Universe

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



A4008C



D600B7



00A468



524950



91007C



12000F



# Previews

## White Background



This preview shows how the Hex color A4008C looks on a white background.

## Color Contrast Check

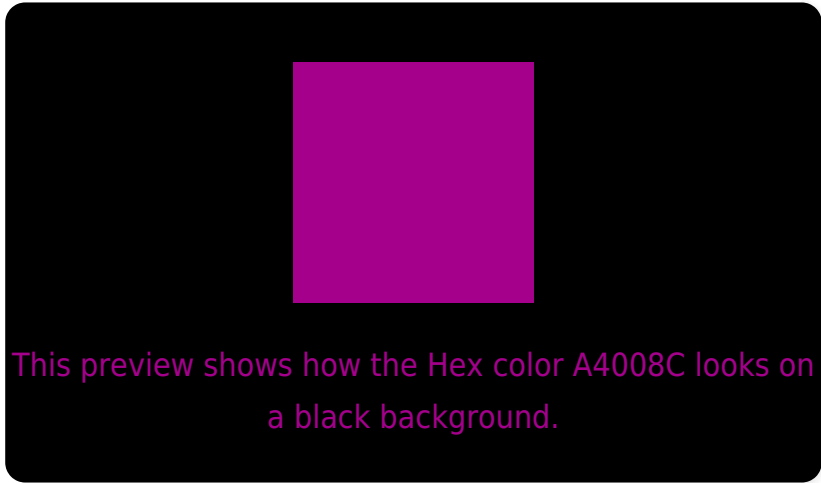
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

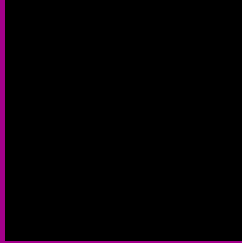
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A4008C Background



This preview shows how black text looks on a background with the Hex color A4008C.

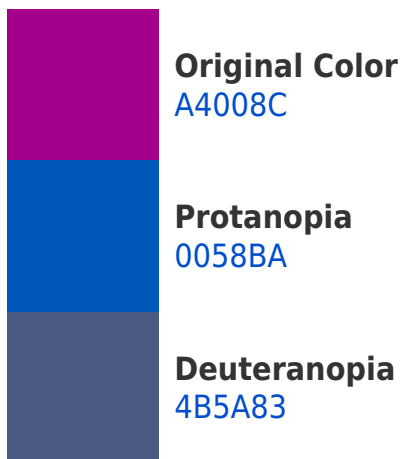



This preview shows how white text looks on a background with the Hex color A4008C.

# 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**  
9D373A

# Trichromacy



**Original Color**  
A4008C



**Protanomaly**  
3C38A9



**Deuteranomaly**  
6B3986



**Tritanomaly**  
A02358

# Monochromacy



**Original Color**  
A4008C



**Achromatopsia**  
414141



**Achromatomaly**  
65295C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4008C 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 #A4008C looks like.

```
.text, #text, p{  
    color:#A4008C  
}
```

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 #A4008C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4008C
}
```

## Border

The CSS property to change the border of an element to Hex A4008C is called "border". The border property can be set on classes, ids or directly on the HTML element.

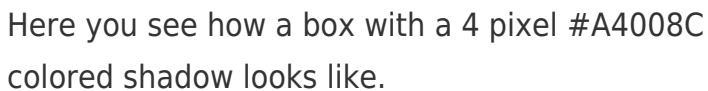
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A4008C }
```

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

```
.border{ border-color:#A4008C }
```

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



Here you see how a box with a 4 pixel #A4008C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4008C; -webkit-box-shadow:4px 4px  
4px 4px #A4008C; box-shadow:4px 4px 4px  
4px #A4008C }
```

# Background

The CSS property to change the background color of an element to Hex A4008C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4008C }
```

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

```
.background{ background-color:#A4008C }
```

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