

# Converting Colors

Hex(A1008E)

Have a look what the booklet for  
Hex(A1008E) contains.

<b>Hex(A1008E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A1008E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1008E
RGB	161, 0, 142
RGB Percent	63%, 0%, 56%
CMY	0.3686, 1.0000, 0.4431
CMYK	0.00, 1.00, 0.12, 0.37
HSL	307°, 100%, 32%
HSV	307°, 100%, 63%
XYZ	19.5804, 9.5301, 26.3987
YIQ	64.3270, 50.3740, 78.2940

# Conversions

## Conversions Part 2

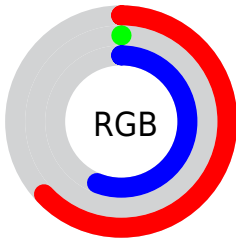
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 0, 142
Decimal	10551438
CIE <sub>Lab</sub>	36.99, 66.92, -33.36
CIE <sub>LCh</sub>	37, 74.768, 333.504
Yxy	9.5301, 0.3527, 0.1717
Android (android.graphics.Color)	4288741518 (0xFFA1008E)
YUV	64.3270, 38.2928, 84.7822
Hunter-Lab	30.8708, 59.1933, -29.0913

# Details

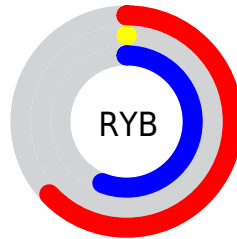
The Hex color **A1008E** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **00A113**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **DB50C4**, and **69005B** is the 20% darker color. If you saturate the color by 10%, you get **A1008E**, and if you desaturate by 10%, it is **A11090**.

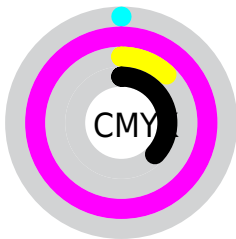
# Distribution



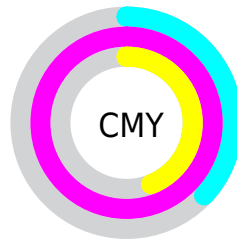
- Red (63%)
- Green (0%)
- Blue (56%)



- Red (63%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (100%)
- Yellow (12%)
- Black (37%)



- Cyan (37%)
- Magenta (100%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1008E 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 A1008E by changing the saturation by 10% instead.



 A1008E

 A1008E

FFFFFF

 850074

 DB50C4

 69005B

 F96DE0

 4D0043

 FF8AFD

 34002C

 FFA6FF

 0F0016

 FFC3FF

 000000

 FFE1FF

 A1008E

 A11090

 A12092

 A13094

 A14096

 A15198

 A16199

 A1719B

 A1819D

 A1919F

# Harmonies

## Analogous

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



5542BD



A1008E



BB0053

# Triad

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



A1008E



655700



006F99

# Complementary

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



A1008E



00A113

# 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.



006E5D



A1008E



206500

# Square

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



A1008E



943D00



006C1A



006BC4

# Rectangle

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



A1008E



B9002C



006C1A



006F86



# Sweetspot

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



A1008E



D192CA



1300A1



694364



E8E8E8



696969



# Same Dimension

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



A1008E



D100B8



A1003E



524951



910080



120010



# Inverse Universe

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



A1008E



D100B8



00A163



524951



910080



120010



# Previews

## White Background



This preview shows how the Hex color A1008E looks on a white background.

## Color Contrast Check

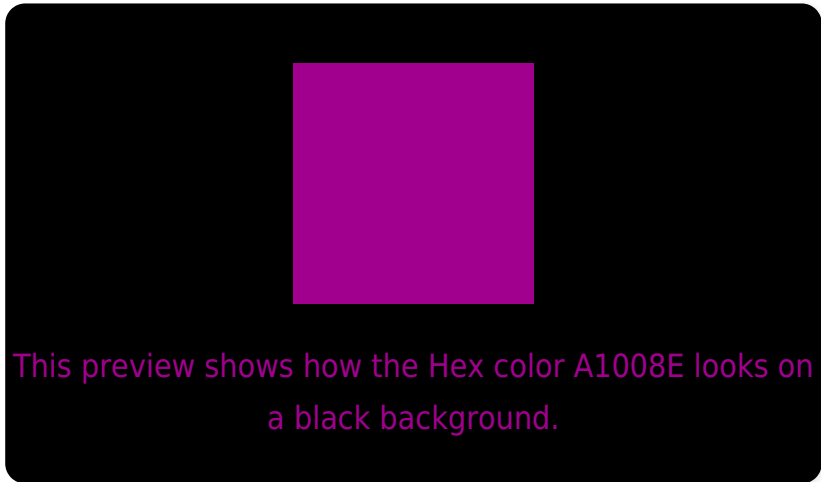
Large Text (above 18pt) WCAG AA ✓ Pass

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

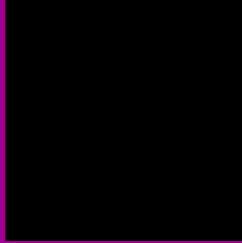
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A1008E Background



This preview shows how black text looks on a background with the Hex color A1008E.

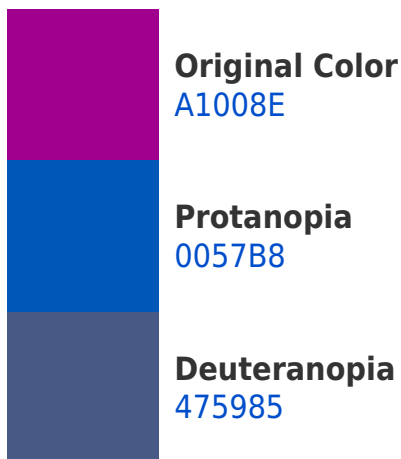


This preview shows how white text looks on a background with the Hex color A1008E.

# 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



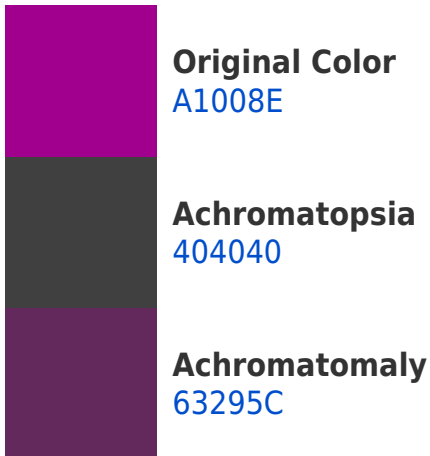


**Tritanopia**  
99383B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1008E 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 #A1008E looks like.

```
.text, #text, p{  
  color:#A1008E  
}
```

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 #A1008E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1008E
}
```

## Border

The CSS property to change the border of an element to Hex A1008E is called "border". The border property can be set on classes, ids or directly on the HTML element.

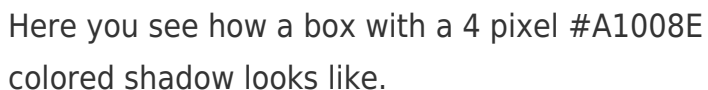
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A1008E }
```

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

```
.border{ border-color:#A1008E }
```

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



Here you see how a box with a 4 pixel #A1008E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1008E; -webkit-box-shadow:4px 4px  
4px 4px #A1008E; box-shadow:4px 4px 4px  
4px #A1008E }
```

# Background

The CSS property to change the background color of an element to Hex A1008E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1008E }
```

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

```
.background{ background-color:#A1008E }
```

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