

# Converting Colors

Hex(A8000E)

Have a look what the booklet for  
Hex(A8000E) contains.

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**Color**

**Hex(A8000E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A8000E
RGB	168, 0, 14
RGB Percent	66%, 0%, 5%
CMY	0.3412, 1.0000, 0.9451
CMYK	0.00, 1.00, 0.92, 0.34
HSL	355°, 100%, 33%
HSV	355°, 100%, 66%
XYZ	16.2277, 8.3565, 1.1731
YIQ	51.8280, 95.6340, 39.9700

# Conversions

## Conversions Part 2

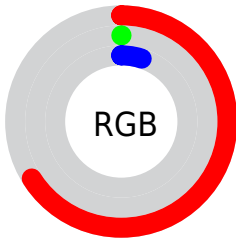
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 0, 14
Decimal	11010062
CIE <sub>Lab</sub>	34.71, 58.78, 43.27
CIE <sub>LCh</sub>	35, 72.989, 36.354
Yxy	8.3565, 0.6300, 0.3244
Android (android.graphics.Color)	4289200142 (0xFFA8000E)
YUV	51.8280, -18.6492, 101.8828
Hunter-Lab	28.9077, 49.6150, 17.8292

# Details

The Hex color **A8000E** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00A89A**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **E84D3B**, and **6A0000** is the 20% darker color. If you saturate the color by 10%, you get **A8000E**, and if you desaturate by 10%, it is **A8111D**.

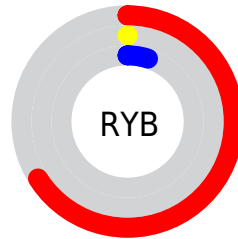
# Distribution



Red (66%)

Green (0%)

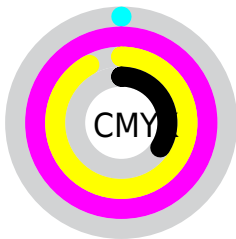
Blue (5%)



Red (66%)

Yellow (0%)

Blue (5%)

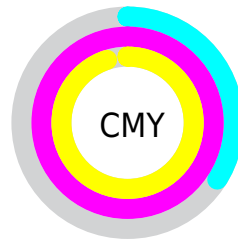


Cyan (0%)

Magenta (100%)

Yellow (92%)

Black (34%)



Cyan (34%)

Magenta (100%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8000E 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 A8000E by changing the saturation by 10% instead.



 A8000E

 A8000E

 FFFFF3

 890000

 E84D3B

 6A0000

 FF6953

 4C0001

 FF856C

 2F0002

 FFA185

 000000

 FFBEA0

 FFDBBB

 FFF9D7

 A8000E

 A8111D

 A8222D

 A8323C

 A8434C

 A8545B

 A8656A

 A8767A

 A88689

 A89799

# Harmonies

## Analogous

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



B20048



A8000E



883C00

# Triad

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



A8000E



00661E



0056C8

# Complementary

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



A8000E



00A89A

# 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.



0064BE



A8000E



00685D

# Square

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



A8000E



0D6000



006896



5A3AB1

# Rectangle

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



A8000E



6B4D00



006896



005CC8



# Sweetspot

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



A8000E



DB9A9F



9A00A8



6E4649



EDEDED



6E6E6E



# Same Dimension

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



A8000E



DB0012



A84600



544C4C



94000C



140002



# Inverse Universe

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



A8000E



DB0012



0062A8



544C4C



94000C



140002



# Previews

## White Background



This preview shows how the Hex color A8000E looks on a white background.

## Color Contrast Check

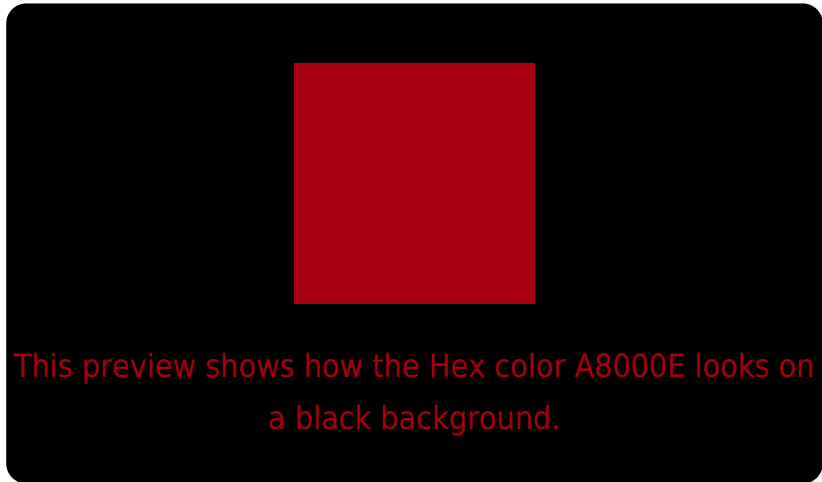
Large Text (above 18pt) WCAG AA ✓ Pass

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 A8000E Background



This preview shows how black text looks on a background with the Hex color A8000E.



This preview shows how white text looks on a background with the Hex color A8000E.

# 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



**Original Color**  
A8000E

**Protanopia**  
5F551D

**Deuteranopia**  
6B5100



**Tritanopia**  
A70F00

# Trichromacy



**Original Color**  
A8000E

**Protanomaly**  
7A3618

**Deuteranomaly**  
813405

**Tritanomaly**  
A70A05

# Monochromacy



**Original Color**  
A8000E

**Achromatopsia**  
343434

**Achromatomaly**  
5E2126

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8000E 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 #A8000E looks like.

```
.text, #text, p{  
    color:#A8000E  
}
```

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 #A8000E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8000E
}
```

## Border

The CSS property to change the border of an element to Hex A8000E is called "border". The border property can be set on classes, ids or directly on the HTML element.

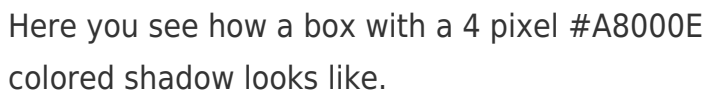
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A8000E }
```

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

```
.border{ border-color:#A8000E }
```

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



Here you see how a box with a 4 pixel `#A8000E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8000E; -webkit-box-shadow:4px 4px  
4px 4px #A8000E; box-shadow:4px 4px 4px  
4px #A8000E }
```

# Background

The CSS property to change the background color of an element to Hex A8000E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8000E }
```

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

```
.background{ background-color:#A8000E }
```

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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