

# Converting Colors

Hex(AA3B08)

Have a look what the booklet for  
Hex(AA3B08) contains.

<b>Hex(AA3B08)</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(AA3B08)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA3B08
RGB	170, 59, 8
RGB Percent	67%, 23%, 3%
CMY	0.3333, 0.7686, 0.9686
CMYK	0.00, 0.65, 0.95, 0.33
HSL	19°, 91%, 35%
HSV	19°, 95%, 67%
XYZ	18.1854, 11.6915, 1.5279
YIQ	86.3750, 82.5270, 7.6710

# Conversions

## Conversions Part 2

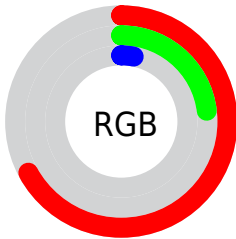
Format	Color
R <sub>Y</sub> B	170, 82, 8
Decimal	11156232
CIE Lab	40.72, 43.62, 49.56
CIE LCh	41, 66.021, 48.642
Yxy	11.6915, 0.5791, 0.3723
Android (android.graphics.Color)	4289346312 (0xFFAA3B08)
YUV	86.3750, -38.6389, 73.3391
Hunter-Lab	34.1928, 35.0972, 21.2856

# Details

The Hex color **AA3B08** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0877AA**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **E86F3C**, and **6D0000** is the 20% darker color. If you saturate the color by 10%, you get **AA3600**, and if you desaturate by 10%, it is **AA4719**.

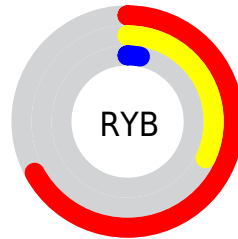
# Distribution



Red (67%)

Green (23%)

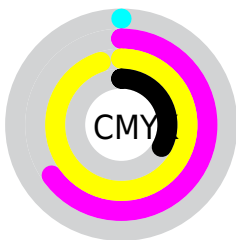
Blue (3%)



Red (67%)

Yellow (32%)

Blue (3%)

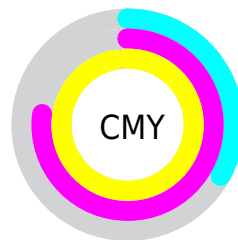


Cyan (0%)

Magenta (65%)

Yellow (95%)

Black (33%)



Cyan (33%)

Magenta (77%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA3B08 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 AA3B08 by changing the saturation by 10% instead.



 AA3B08

 AA3B08

 FFFFF7

 8C2000

 E86F3C

 6D0000

 FF8A54

 500000

 FFA56E

 360002

 FFC188

 090000

 FFDDA2

 000000

 FFFBBE

 FFFFDA

 AA3B08

 AA3B08

■ AA3600

■ AA4719

■ AA522A

■ AA5E3B

■ AA6A4C

■ AA755D

■ AA816E

■ AA8D7F

■ AA9890

■ AAA4A1

# Harmonies

## Analogous

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



BC1741



AA3B08



865600

# Triad

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



AA3B08



007649



075BC8

# Complementary

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



AA3B08



0877AA

# 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.



006DCB



AA3B08



007781

# Square

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



AA3B08



007107



0075B1



8A3EA8

# Rectangle

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



AA3B08



676300



0075B1



0062CC



# Sweetspot

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



AA3B08



DEB29E



AA0879



705549



F0F0F0



707070



# Same Dimension

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



AA3B08



DE4600



AA8A08



544E4C



942F00



140600



# Inverse Universe

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



0877AA



0098DE



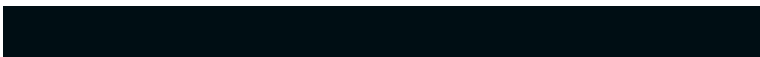
0828AA



4C5254



006594



000E14



# Previews

## White Background



This preview shows how the Hex color AA3B08 looks on a white background.

## Color Contrast Check

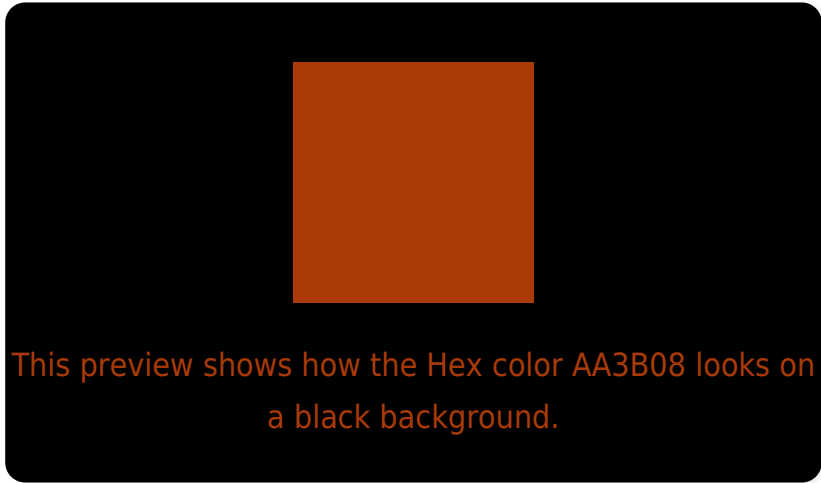
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA3B08 Background



This preview shows how black text looks on a background with the Hex color AA3B08.



This preview shows how white text looks on a background with the Hex color AA3B08.

# 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**  
AA3B08

**Protanopia**  
6D6114

**Deuteranopia**  
7A5C00



**Tritanopia**  
AB373A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA3B08 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 #AA3B08 looks like.

```
.text, #text, p{  
    color:#AA3B08  
}
```

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 #AA3B08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA3B08  
}
```

## Border

The CSS property to change the border of an element to Hex AA3B08 is called "border". The border property can be set on classes, ids or directly on the HTML element.

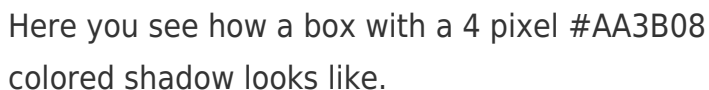
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AA3B08 }
```

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

```
.border{ border-color:#AA3B08 }
```

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



Here you see how a box with a 4 pixel #AA3B08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA3B08; -webkit-box-shadow:4px 4px  
4px 4px #AA3B08; box-shadow:4px 4px 4px  
4px #AA3B08 }
```

# Background

The CSS property to change the background color of an element to Hex AA3B08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA3B08 }
```

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

```
.background{ background-color:#AA3B08 }
```

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