

Converting Colors

Hex(AA8309)

Have a look what the booklet for
Hex(AA8309) contains.

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Color

Hex(AA8309)

Conversions

Conversions Part 1

Format	Color
Hex	AA8309
RGB	170, 131, 9
RGB Percent	67%, 51%, 4%
CMY	0.3333, 0.4863, 0.9647
CMYK	0.00, 0.23, 0.95, 0.33
HSL	45°, 90%, 35%
HSV	45°, 95%, 67%
XYZ	24.7432, 24.7984, 3.7409
YIQ	128.7530, 62.4060, -29.6740

Conversions

Conversions Part 2

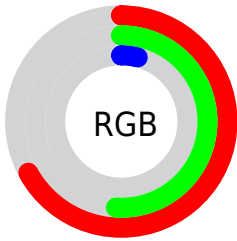
Format	Color
RYB	60, 170, 9
Decimal	11174665
CIELab	56.88, 5.13, 60.63
CIELCh	57, 60.851, 85.167
Yxy	24.7984, 0.4644, 0.4654
Android (android.graphics.Color)	4289364745 (0xFFAA8309)
YUV	128.7530, -59.0382, 36.1736
Hunter-Lab	49.7980, 1.5451, 30.4046

Details

The Hex color **AA8309** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **0930AA**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **E5B848**, and **715200** is the 20% darker color. If you saturate the color by 10%, you get **AA8100**, and if you desaturate by 10%, it is **AA871A**.

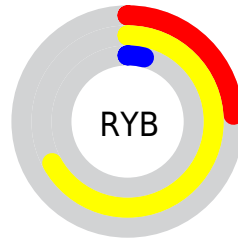
Distribution



Red (67%)

Green (51%)

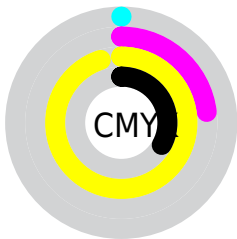
Blue (4%)



Red (24%)

Yellow (67%)

Blue (4%)

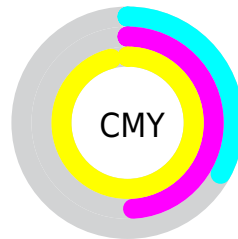


Cyan (0%)

Magenta (23%)

Yellow (95%)

Black (33%)



Cyan (33%)

Magenta (49%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA8309 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 AA8309 by changing the saturation by 10% instead.

■ AA8309

■ AA8309

FFFFFF

■ 8D6A00

■ E5B848

■ 715200

■ FFD363

■ 553B00

■ FFEF7E

■ 3B2600

■ FFFF99

■ 221200

■ FFFFB5

■ 000000

■ FFFF D2

■ FFFF EF

■ AA8309

■ AA8309

■ AA8100

■ AA871A

■ AA8B2B

■ AA8F3C

■ AA934D

■ AA985E

■ AA9C6F

■ AAA080

■ AAA491

■ AAA8A2

Harmonies

Analogous

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



D16E30



AA8309



77931A

Triad

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



AA8309



00A1B4



C066C6

Complementary

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



AA8309



0930AA

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.



787EE9



AA8309



009DDF

Square

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



AA8309



00A17E



0091F2



E25593

Rectangle

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



AA8309



4B9A38



0091F2



AD6ED4

Sweetspot

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



AA8309



DECFA0



AA0931



70674A



F0F0F0



707070

Same Dimension

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



AA8309



DEA800



82AA09



54524C



947000



140F00

Inverse Universe

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



0930AA



0036DE



3109AA



4C4E54



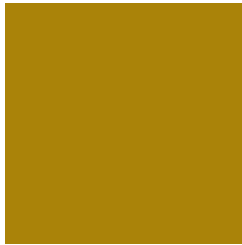
002494



000514

Previews

White Background



This preview shows how the Hex color AA8309 looks on a white background.

Color Contrast Check

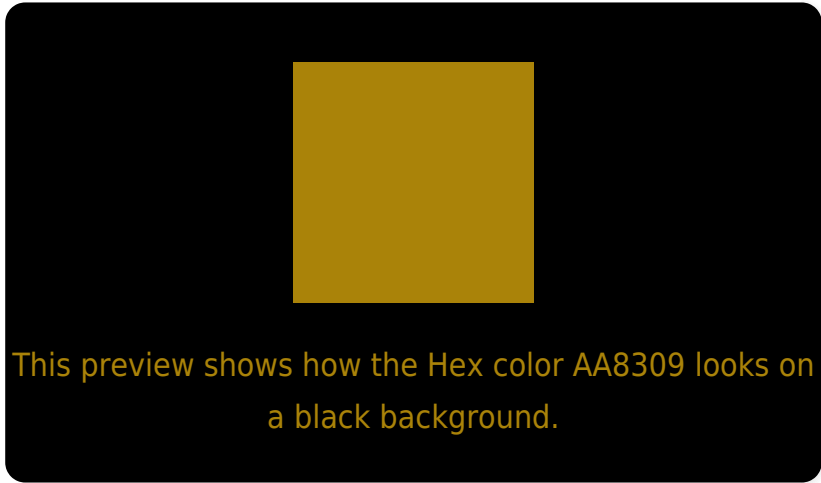
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex AA8309 Background



This preview shows how black text looks on a background with the Hex color AA8309.



This preview shows how white text looks on a background with the Hex color AA8309.

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
AA8309

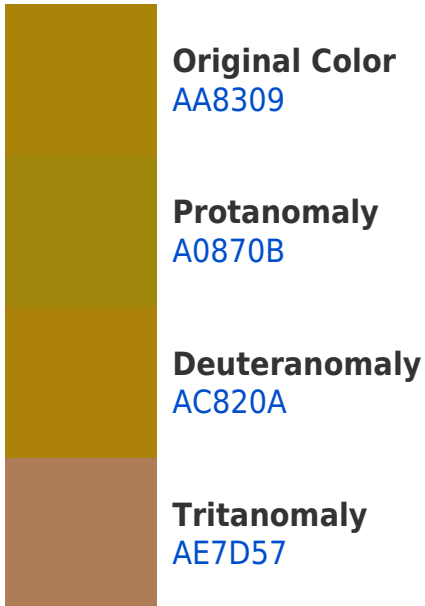
Protanopia
9A890C

Deuteranopia
AD820B

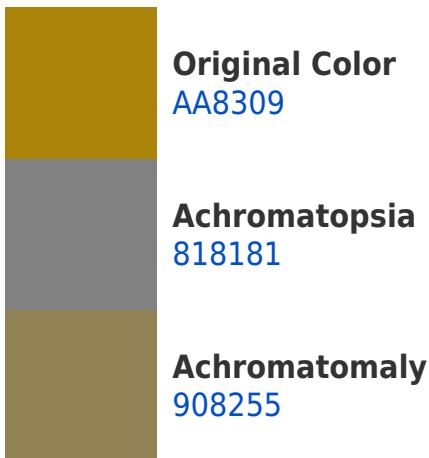


Tritanopia
B07A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA8309 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 #AA8309 looks like.

```
.text, #text, p{  
    color:#AA8309  
}
```

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 #AA8309 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA8309
}
```

Border

The CSS property to change the border of an element to Hex AA8309 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
#AA8309 }
```

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

```
.border{ border-color:#AA8309 }
```

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

Here you see how a box with a 4 pixel #AA8309 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA8309; -webkit-box-shadow:4px 4px  
4px 4px #AA8309; box-shadow:4px 4px 4px  
4px #AA8309 }
```

Background

The CSS property to change the background color of an element to Hex AA8309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA8309 }
```

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

```
.background{ background-color:#AA8309 }
```

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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