

Converting Colors

Hex(AA0808)

Have a look what the booklet for
Hex(AA0808) contains.

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Color

Hex(AA0808)

Conversions

Conversions Part 1

Format	Color
Hex	AA0808
RGB	170, 8, 8
RGB Percent	67%, 3%, 3%
CMY	0.3333, 0.9686, 0.9686
CMYK	0.00, 0.95, 0.95, 0.33
HSL	0°, 91%, 35%
HSV	0°, 95%, 67%
XYZ	16.7082, 8.7372, 1.0356
YIQ	56.4380, 96.5520, 34.3440

Conversions

Conversions Part 2

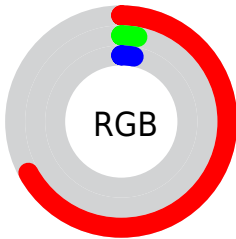
Format	Color
RYB	170, 8, 8
Decimal	11143176
CIELab	35.47, 58.22, 46.37
CIELCh	35, 74.434, 38.536
Yxy	8.7372, 0.6310, 0.3299
Android (android.graphics.Color)	4289333256 (0xFFAA0808)
YUV	56.4380, -23.8799, 99.5939
Hunter-Lab	29.5588, 49.1698, 18.6140

Details

The Hex color **AA0808** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **08AAAA**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **EA5037**, and **6C0000** is the 20% darker color. If you saturate the color by 10%, you get **AA0000**, and if you desaturate by 10%, it is **AA1919**.

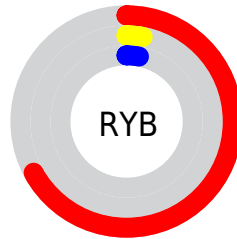
Distribution



Red (67%)

Green (3%)

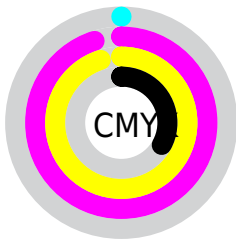
Blue (3%)



Red (67%)

Yellow (3%)

Blue (3%)

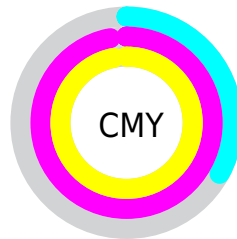


Cyan (0%)

Magenta (95%)

Yellow (95%)

Black (33%)



Cyan (33%)

Magenta (97%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA0808 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 AA0808 by changing the saturation by 10% instead.

 AA0808

 AA0808

 FFFFEF

 8B0000

 EA5037

 6C0000

 FF6C4F

 4D0001

 FF8868

 310002

 FFA481

 000000

 FFC19C

 FFDEB7

 FFFBD3

 AA0808

 AA0808

■ AA0000

■ AA1919

■ AA2A2A

■ AA3B3B

■ AA4C4C

■ AA5D5D

■ AA6E6E

■ AA7F7F

■ AA9090

■ AAA1A1

Harmonies

Analogous

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



B60046



AA0808



883F00

Triad

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



AA0808



006823



0057CC

Complementary

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



AA0808



08AAAA

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.



0066C4



AA0808



006A64

Square

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



AA0808



006300



006A9D



6338B2

Rectangle

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



AA0808



695100



006A9D



005DCD

Sweetspot

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



AA0808



DE9E9E



AA08AA



704949



F0F0F0



707070

Same Dimension

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



AA0808



DE0000



AA5908



544C4C



940000



140000

Inverse Universe

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



08AAAA



00DEDE



0859AA



4C5454



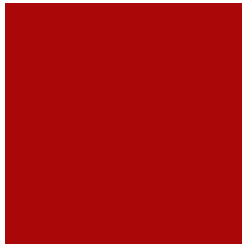
009494



001414

Previews

White Background



This preview shows how the Hex color AA0808 looks on a white background.

Color Contrast Check

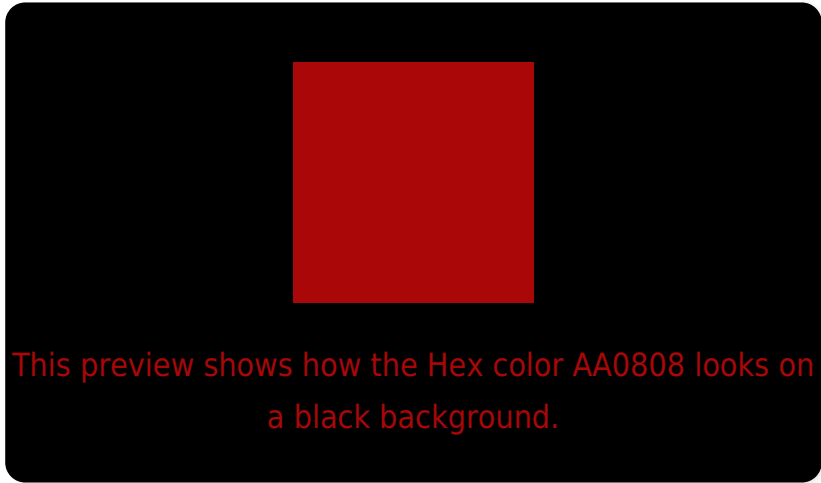
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA0808 Background



This preview shows how black text looks on a background with the Hex color AA0808.



This preview shows how white text looks on a background with the Hex color AA0808.

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
AA0808

Protanopia
605618

Deuteranopia
6C5200



Tritanopia
A91000

Trichromacy



Original Color
AA0808

Protanomaly
7B3A12

Deuteranomaly
833703

Tritanomaly
A90D03

Monochromacy



Original Color
AA0808

Achromatopsia
383838

Achromatomaly
612727

CSS Examples

Text

The CSS property to change the color of the text to Hex AA0808 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 #AA0808 looks like.

```
.text, #text, p{  
    color:#AA0808  
}
```

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 #AA0808 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA0808
}
```

Border

The CSS property to change the border of an element to Hex AA0808 is called "border". The border property can be set on classes, ids or directly on the HTML element.

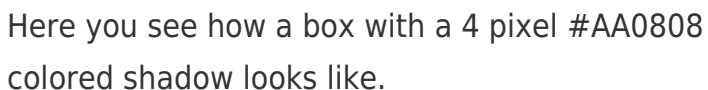
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA0808 }
```

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

```
.border{ border-color:#AA0808 }
```

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



Here you see how a box with a 4 pixel #AA0808 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA0808; -webkit-box-shadow:4px 4px  
4px 4px #AA0808; box-shadow:4px 4px 4px  
4px #AA0808 }
```

Background

The CSS property to change the background color of an element to Hex AA0808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA0808 }
```

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

```
.background{ background-color:#AA0808 }
```

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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