

Converting Colors

Hex(A8A706)

Have a look what the booklet for
Hex(A8A706) contains.

| | |
|--|----|
| Hex(A8A706) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(A8A706)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A8A706 |
| RGB | 168, 167, 6 |
| RGB Percent | 66%, 65%, 2% |
| CMY | 0.3412, 0.3451, 0.9765 |
| CMYK | 0.00, 0.01, 0.96, 0.34 |
| HSL | 60°, 93%, 34% |
| HSV | 60°, 96%, 66% |
| XYZ | 30.0000, 35.9754, 5.5351 |
| YIQ | 148.9450, 52.2770, -49.8590 |

Conversions

Conversions Part 2

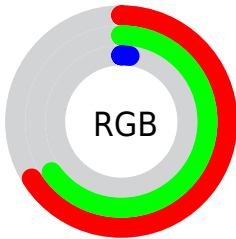
| Format | Color |
|-------------------------------------|--|
| RYB | 7, 168, 6 |
| Decimal | 11052806 |
| CIELab | 66.50, -15.18, 68.15 |
| CIELCh | 67, 69.824, 102.553 |
| Yxy | 35.9754, 0.4195, 0.5031 |
| Android (android.graphics.Color) | 4289242886 (0xFFA8A706) |
| YUV | 148.9450, -70.4719, 16.7112 |
| Hunter-Lab | 59.9795, -15.6835, 36.5142 |

Details

The Hex color **A8A706** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0607A8**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **E3DE4E**, and **6F7300** is the 20% darker color. If you saturate the color by 10%, you get **A8A700**, and if you desaturate by 10%, it is **A8A717**.

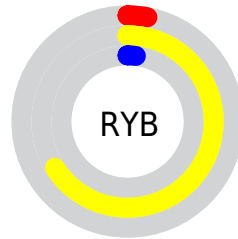
Distribution



Red (66%)

Green (65%)

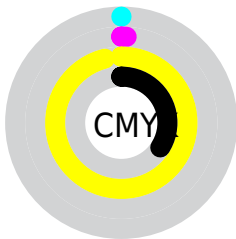
Blue (2%)



Red (3%)

Yellow (66%)

Blue (2%)

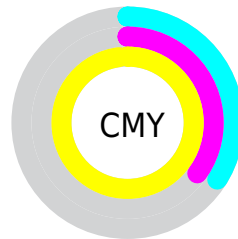


Cyan (0%)

Magenta (1%)

Yellow (96%)

Black (34%)



Cyan (34%)

Magenta (35%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color A8A706 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 A8A706 by changing the saturation by 10% instead.

 A8A706

 A8A706

FFFFFF

 8B8D00

 E3DE4E

 6F7300

 FFFA6A

 545B00

 FFFF86

 394400

 FFFFA2

 202E00

 FFFFBE

 001A00

 FFFFDB

 000000

 FFFFF9

 A8A706

 A8A706

 A8A700

 A8A717

 A8A728

 A8A738

 A8A749

 A8A85A

 A8A86B

 A8A87C

 A8A88C

 A8A89D

Harmonies

Analogous

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



DE911C



A8A706



61B53D

Triad

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



A8A706



00BDF5



FF6AC9

Complementary

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



A8A706



0607A8

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.



C685FF



A8A706



00B3FF

Square

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



A8A706



00BFBB



4BA0FF



FF638A

Rectangle

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



A8A706



00BB65



4BA0FF



F172DD

Sweetspot

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



A8A706



DBDB9C



A80609



6E6D47



EDEDED



6E6E6E

Same Dimension

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



A8A706



DBDA00



5AA806



54544C



949300



141400

Inverse Universe

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



0607A8



0001DB



5406A8



4C4C54



000194



000014

Previews

White Background



This preview shows how the Hex color A8A706 looks on a white background.

Color Contrast Check

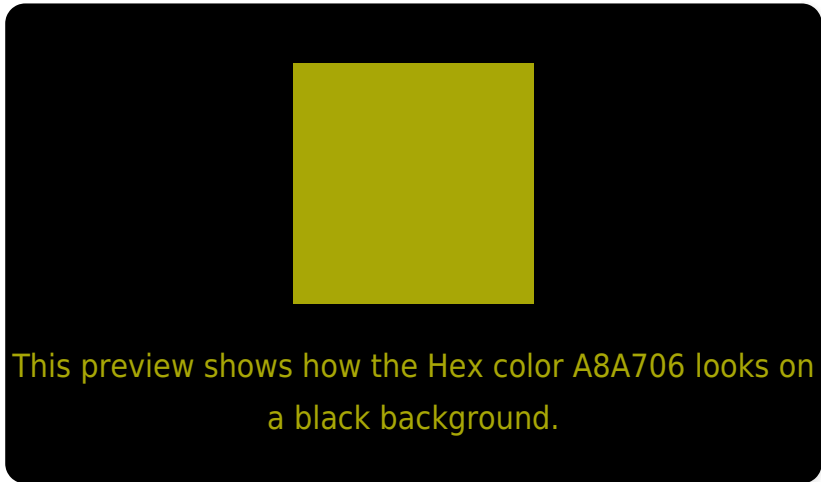
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Hex A8A706 Background



This preview shows how black text looks on a background with the Hex color A8A706.



This preview shows how white text looks on a background with the Hex color A8A706.

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
A8A706

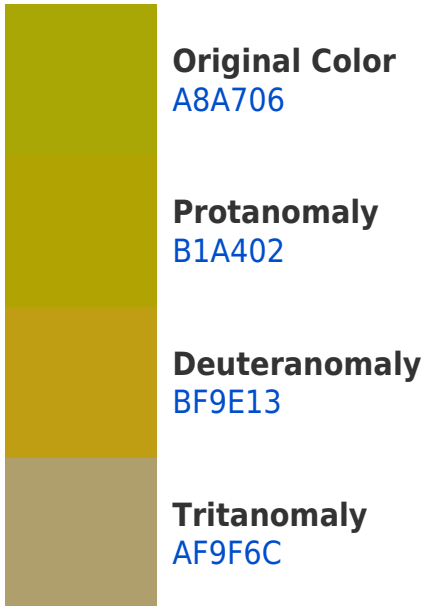
Protanopia
B6A200

Deuteranopia
CC991A



Tritanopia
B39BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A8A706 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 #A8A706 looks like.

```
.text, #text, p{  
    color:#A8A706  
}
```

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 #A8A706 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8A706
}
```

Border

The CSS property to change the border of an element to Hex A8A706 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
#A8A706 }
```

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

```
.border{ border-color:#A8A706 }
```

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

Here you see how a box with a 4 pixel #A8A706 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8A706; -webkit-box-shadow:4px 4px  
4px 4px #A8A706; box-shadow:4px 4px 4px  
4px #A8A706 }
```

Background

The CSS property to change the background color of an element to Hex A8A706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8A706 }
```

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

```
.background{ background-color:#A8A706 }
```

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