

Converting Colors

Hex(A8A644)

Have a look what the booklet for
Hex(A8A644) contains.

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Color

Hex(A8A644)

Conversions

Conversions Part 1

Format	Color
Hex	A8A644
RGB	168, 166, 68
RGB Percent	66%, 65%, 27%
CMY	0.3412, 0.3490, 0.7333
CMYK	0.00, 0.01, 0.60, 0.34
HSL	59°, 42%, 46%
HSV	59°, 60%, 66%
XYZ	30.8281, 36.0146, 10.7955
YIQ	155.4260, 32.6500, -30.0540

Conversions

Conversions Part 2

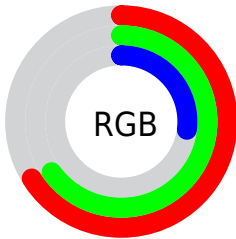
Format	Color
RYB	70, 168, 68
Decimal	11052612
CIELab	66.53, -12.20, 49.73
CIELCh	67, 51.203, 103.786
Yxy	36.0146, 0.3971, 0.4639
Android (android.graphics.Color)	4289242692 (0xFFA8A644)
YUV	155.4260, -43.1010, 11.0274
Hunter-Lab	60.0122, -13.3265, 31.3429

Details

The Hex color **A8A644** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4446A8**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **E1DD78**, and **71720B** is the 20% darker color. If you saturate the color by 10%, you get **A8A633**, and if you desaturate by 10%, it is **A8A655**.

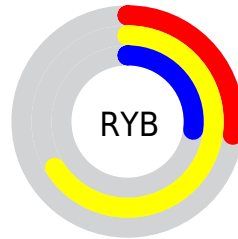
Distribution



Red (66%)

Green (65%)

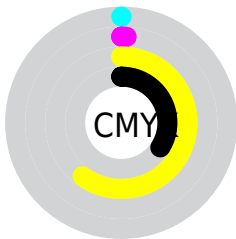
Blue (27%)



Red (27%)

Yellow (66%)

Blue (27%)

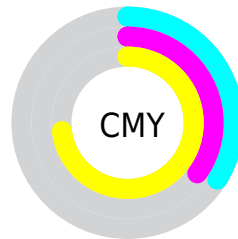


Cyan (0%)

Magenta (1%)

Yellow (60%)

Black (34%)



Cyan (34%)

Magenta (35%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color A8A644 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 A8A644 by changing the saturation by 10% instead.



A8A644



A8A644

FFFFFF



8C8C2A



E1DD78



71720B



FFF993



575A00



FFFFAE



3E4300



FFFPCA



242D00



FFFEE7



051900



000000



A8A644



A8A644



A8A633



A8A655

 A8A522

 A8A766

 A8A512

 A8A776

 A8A501

 A8A787

 A8A500

 A8A898

 A8A8A9

 A8A8BA

 A8A9CA

 A8A9DB

Harmonies

Analogous

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



D19648



A8A644



75B15D

Triad

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



A8A644



00B6E0



EA7EBD

Complementary

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



A8A644



4446A8

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.



C18DE5



A8A644



00AEFA

Square

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



A8A644



00B9B6



7A9FFB



F87B8E

Rectangle

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



A8A644



47B677



7A9FFB



DF82CB

Sweetspot

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



A8A644



DBDBB4



A84447



6E6D56



EDEDED



6E6E6E

Same Dimension

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



A8A644



DBD840



79A844



54544C



949100



141400

Inverse Universe

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



4446A8



4043DB



7344A8



4C4C54



000394



000014

Previews

White Background



This preview shows how the Hex color A8A644 looks on a white background.

Color Contrast Check

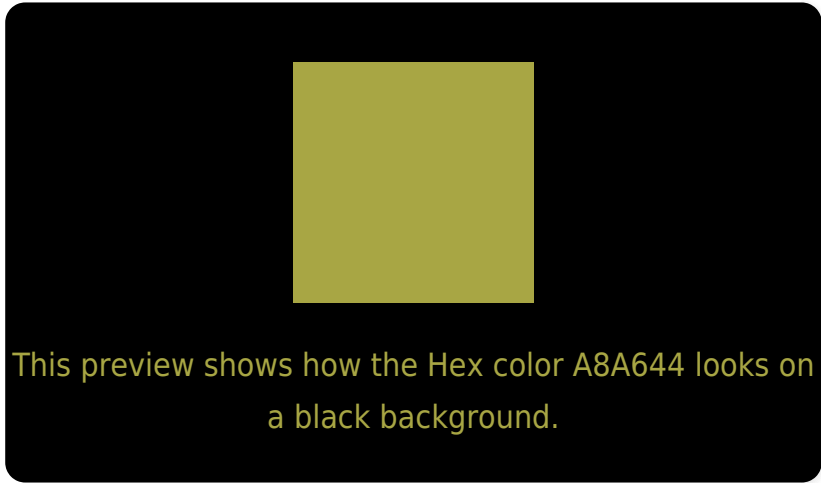
Large Text (above 18pt) WCAG AA × Fail

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

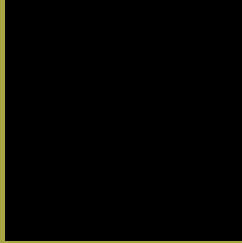
Any Text WCAG AA ✓ Pass

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 A8A644 Background



This preview shows how black text looks on a background with the Hex color A8A644.



This preview shows how white text looks on a background with the Hex color A8A644.

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
A8A644

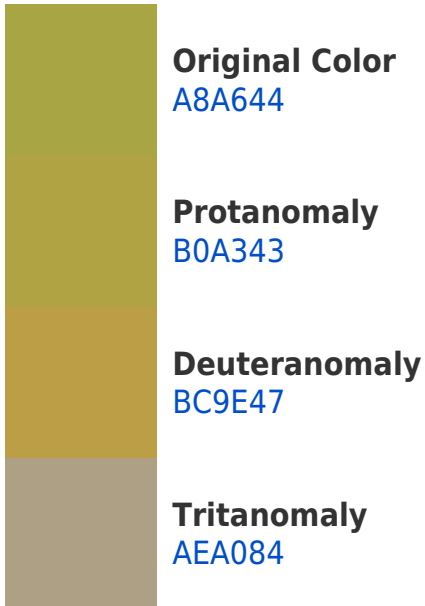
Protanopia
B4A243

Deuteranopia
C89A48

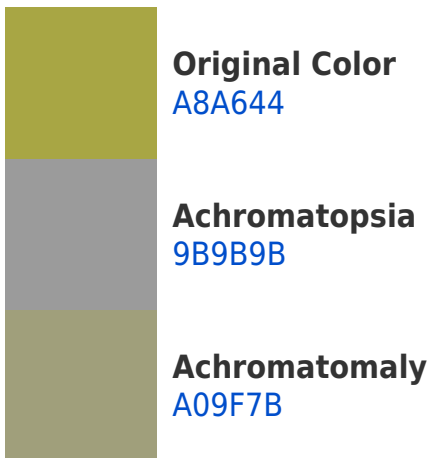


Tritanopia
B29CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A8A644 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 #A8A644 looks like.

```
.text, #text, p{  
    color:#A8A644  
}
```

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 #A8A644 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8A644
}
```

Border

The CSS property to change the border of an element to Hex A8A644 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
#A8A644 }
```

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

```
.border{ border-color:#A8A644 }
```

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

Here you see how a box with a 4 pixel #A8A644 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8A644; -webkit-box-shadow:4px 4px  
4px 4px #A8A644; box-shadow:4px 4px 4px  
4px #A8A644 }
```

Background

The CSS property to change the background color of an element to Hex A8A644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8A644 }
```

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

```
.background{ background-color:#A8A644 }
```

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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