

Converting Colors

Hex(A8A951)

Have a look what the booklet for
Hex(A8A951) contains.

Hex(A8A951)	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(A8A951)

Conversions

Conversions Part 1

Format	Color
Hex	A8A951
RGB	168, 169, 81
RGB Percent	66%, 66%, 32%
CMY	0.3412, 0.3373, 0.6824
CMYK	0.01, 0.00, 0.52, 0.34
HSL	61°, 35%, 49%
HSV	61°, 52%, 66%
XYZ	31.8216, 37.2948, 13.3060
YIQ	158.6690, 27.6520, -27.5800

Conversions

Conversions Part 2

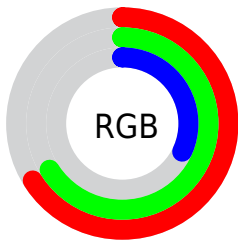
Format	Color
RYB	81, 169, 82
Decimal	11053393
CIELab	67.50, -12.72, 44.71
CIElCh	67, 46.485, 105.875
Yxy	37.2948, 0.3861, 0.4525
Android (android.graphics.Color)	4289243473 (0xFFA8A951)
YUV	158.6690, -38.2908, 8.1833
Hunter-Lab	61.0695, -13.8603, 29.8304

Details

The Hex color **A8A951** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5251A9**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **E1E085**, and **72751E** is the 20% darker color. If you saturate the color by 10%, you get **A8A940**, and if you desaturate by 10%, it is **A8A962**.

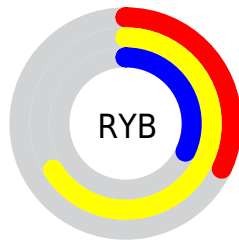
Distribution



Red (66%)

Green (66%)

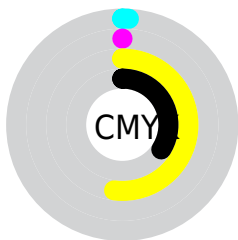
Blue (32%)



Red (32%)

Yellow (66%)

Blue (32%)

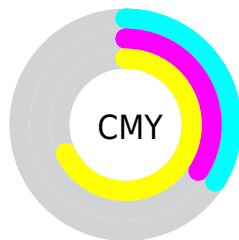


Cyan (1%)

Magenta (0%)

Yellow (52%)

Black (34%)



Cyan (34%)

Magenta (34%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color A8A951 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 A8A951 by changing the saturation by 10% instead.

 A8A951

 A8A951

FFFFFF

 8D8F38

 E1E085

 72751E

 FEFDA0

 585D00

 FFFFBB

 3F4500

 FFFFD7

 262F00

 FFFFF4

 091B00

 000000

 A8A951

 A8A951

 A8A940

 A8A962

 A8A92F

 A8A973

 A7A91E

 A9A984

 A7A90D

 A9A995

 A7A900

 A9A9A5

 A9A9B6

 A9A9C7

 AAA9D8

 AAA9E9

Harmonies

Analogous

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



CF9B52



A8A951



79B368

Triad

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



A8A951



00B7DF



E884BA

Complementary

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



A8A951



5251A9

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.



C491DF



A8A951



1CAEF5

Square

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



A8A951



00BABA



88A1F5



F48290

Rectangle

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



A8A951



51B781



88A1F5



DF87C7

Sweetspot

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



A8A951



DBDBB8



A95151



6D6E59



EDEDED



6E6E6E

Same Dimension

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



A8A951



DADB53



7DA951



54544C



929400



141400

Inverse Universe

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



5251A9



5553DB



7D51A9



4C4C54



020094



000014

Previews

White Background



This preview shows how the Hex color A8A951 looks on a white background.

Color Contrast Check

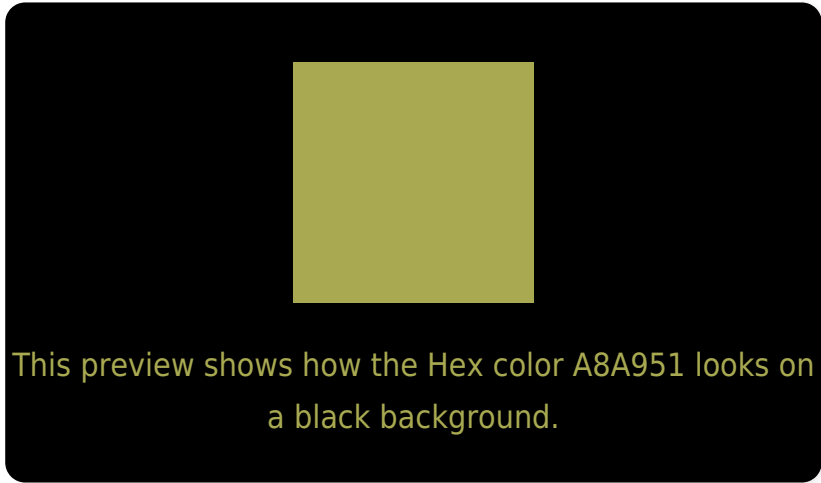
Large Text (above 18pt) WCAG AA × Fail

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 A8A951 Background



This preview shows how black text looks on a background with the Hex color A8A951.



This preview shows how white text looks on a background with the Hex color A8A951.

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

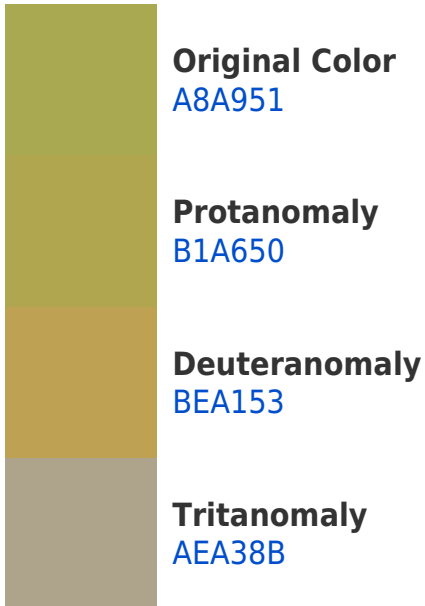


Original Color
A8A951

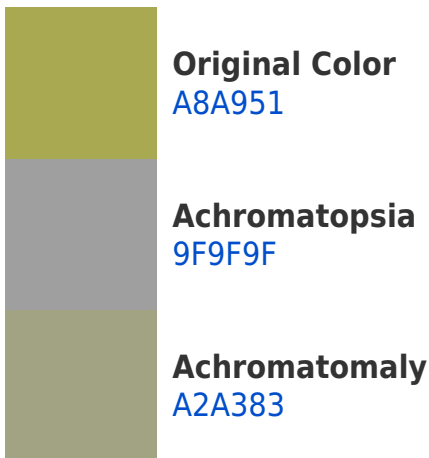
Protanopia
B6A450

Deuteranopia
CA9C54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A8A951 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 #A8A951 looks like.

```
.text, #text, p{  
    color:#A8A951  
}
```

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 #A8A951 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8A951
}
```

Border

The CSS property to change the border of an element to Hex A8A951 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
#A8A951 }
```

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

```
.border{ border-color:#A8A951 }
```

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

Here you see how a box with a 4 pixel #A8A951 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8A951; -webkit-box-shadow:4px 4px  
4px 4px #A8A951; box-shadow:4px 4px 4px  
4px #A8A951 }
```

Background

The CSS property to change the background color of an element to Hex A8A951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8A951 }
```

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

```
.background{ background-color:#A8A951 }
```

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