

# Converting Colors

Hex(A8A172)

Have a look what the booklet for  
Hex(A8A172) contains.

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# **Color**

**Hex(A8A172)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8A172
RGB	168, 161, 114
RGB Percent	66%, 63%, 45%
CMY	0.3412, 0.3686, 0.5529
CMYK	0.00, 0.04, 0.32, 0.34
HSL	52°, 24%, 55%
HSV	52°, 32%, 66%
XYZ	31.9306, 35.0295, 20.9980
YIQ	157.7350, 19.2590, -13.1330

# Conversions

## Conversions Part 2

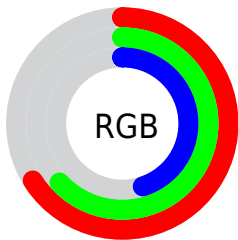
Format	Color
<b>RYB</b>	122, 168, 114
Decimal	11051378
CIELab	65.77, -4.88, 25.44
CIELCh	66, 25.900, 100.861
Yxy	35.0295, 0.3630, 0.3983
Android (android.graphics.Color)	4289241458 (0xFFA8A172)
YUV	157.7350, -21.5614, 9.0024
Hunter-Lab	59.1857, -7.2745, 20.3950

# Details

The Hex color **A8A172** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7279A8**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **E0D8A6**, and **736E41** is the 20% darker color. If you saturate the color by 10%, you get **A89F61**, and if you desaturate by 10%, it is **A8A383**.

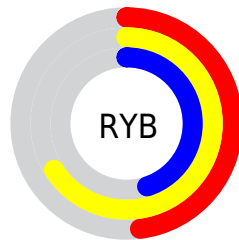
# Distribution



Red (66%)

Green (63%)

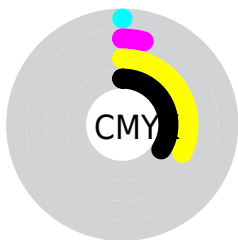
Blue (45%)



Red (48%)

Yellow (66%)

Blue (45%)

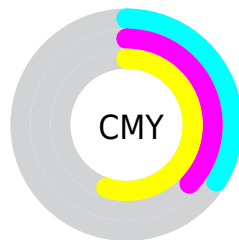


Cyan (0%)

Magenta (4%)

Yellow (32%)

Black (34%)



Cyan (34%)

Magenta (37%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8A172 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 A8A172 by changing the saturation by 10% instead.



 A8A172

 A8A172

FFFFFF

 8D8759

 E0D8A6

 736E41

 FDF4C2

 5A552B

 FFFFDE

 423E15

 FFFFFA

 2B2800

 121500

 000000

 A8A172

 A8A172

 A89F61

 A8A383

 A89D50

 A8A594

 A89A40

 A8A8A4

 A8982F

 A8AAB5

 A8961E

 A8ACC6

 A8940D

 A8AED7

 A89200

 A8B0E8

 A8B2F8

 A8B5FF

# Harmonies

## Analogous

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



BE9974



A8A172



8EA77C

# Triad

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



A8A172



5AABBD



C491B0

# Complementary

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



A8A172



7279A8

# 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.



AE97C3



A8A172



6EA6CB

# Square

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



A8A172



5EADA8



8F9FCD



CE8F98

# Rectangle

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



A8A172



7CAB88



8F9FCD



BE92B7



# Sweetspot

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



A8A172



DBD8C5



A87279



6E6C60



EDEDED



6E6E6E



# Same Dimension

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



A8A172



DBD086



94A872



54534C



948100



141200



# Inverse Universe

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



7279A8



8691DB



8672A8



4C4D54



001394



000314



# Previews

## White Background



This preview shows how the Hex color A8A172 looks on a white background.

## Color Contrast Check

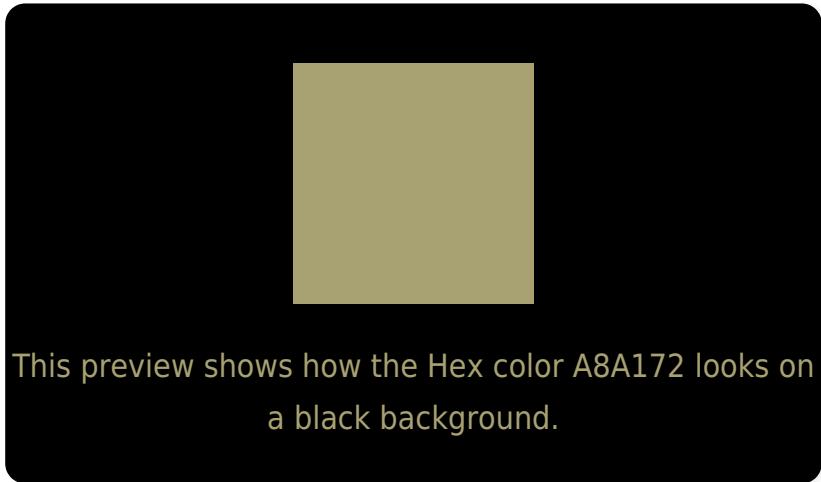
Large Text (above 18pt) WCAG AA × Fail

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

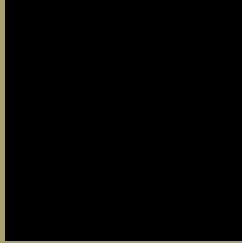
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A8A172 Background



This preview shows how black text looks on a background with the Hex color A8A172.



This preview shows how white text looks on a background with the Hex color A8A172.

# 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**  
A8A172

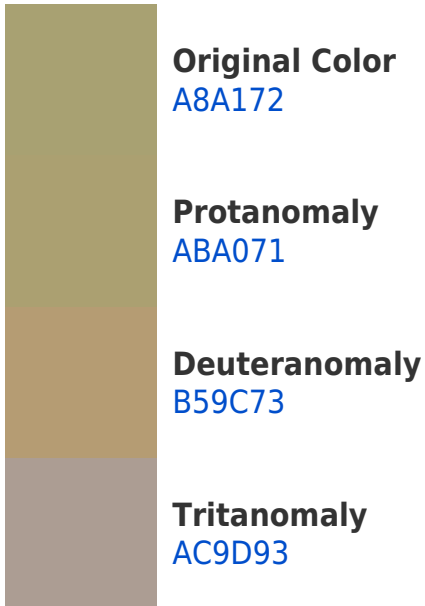
**Protanopia**  
ACA071

**Deuteranopia**  
BD9974

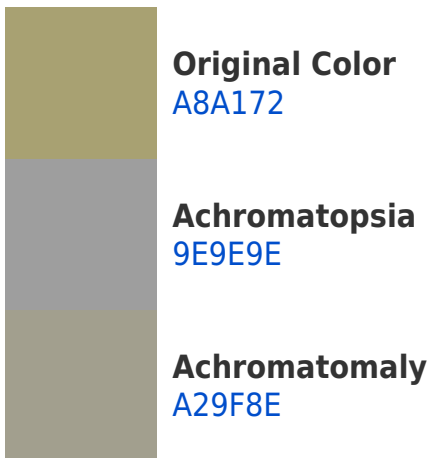


**Tritanopia**  
AE9AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8A172 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 #A8A172 looks like.

```
.text, #text, p{  
    color:#A8A172  
}
```

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 #A8A172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8A172
}
```

## Border

The CSS property to change the border of an element to Hex A8A172 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
#A8A172 }
```

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

```
.border{ border-color:#A8A172 }
```

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

Here you see how a box with a 4 pixel #A8A172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8A172; -webkit-box-shadow:4px 4px  
4px 4px #A8A172; box-shadow:4px 4px 4px  
4px #A8A172 }
```

# Background

The CSS property to change the background color of an element to Hex A8A172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8A172 }
```

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

```
.background{ background-color:#A8A172 }
```

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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