

# Converting Colors

Hex(A6A48D)

Have a look what the booklet for  
Hex(A6A48D) contains.

<b>Hex(A6A48D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(A6A48D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6A48D
RGB	166, 164, 141
RGB Percent	65%, 64%, 55%
CMY	0.3490, 0.3569, 0.4471
CMYK	0.00, 0.01, 0.15, 0.35
HSL	55°, 12%, 60%
HSV	55°, 15%, 65%
XYZ	33.8091, 36.5810, 30.4782
YIQ	161.9760, 8.5750, -6.7290

# Conversions

## Conversions Part 2

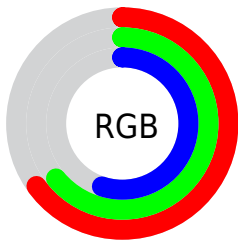
Format	Color
R <sub>YB</sub>	143, 166, 141
Decimal	10921101
CIE <sub>Lab</sub>	66.96, -3.32, 12.21
CIE <sub>LCh</sub>	67, 12.651, 105.224
Yxy	36.5810, 0.3352, 0.3627
Android (android.graphics.Color)	4289111181 (0xFFA6A48D)
YUV	161.9760, -10.3412, 3.5290
Hunter-Lab	60.4822, -6.0639, 12.4601

# Details

The Hex color **A6A48D** is a light color, and the websafe version is hex **999999**. A complement of this color would be **8D8FA6**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **DDDBC3**, and **72705B** is the 20% darker color. If you saturate the color by 10%, you get **A6A37C**, and if you desaturate by 10%, it is **A6A59E**.

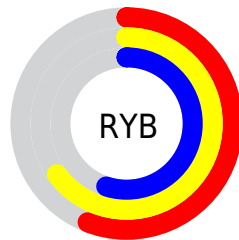
# Distribution



Red (65%)

Green (64%)

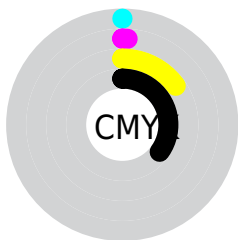
Blue (55%)



Red (56%)

Yellow (65%)

Blue (55%)

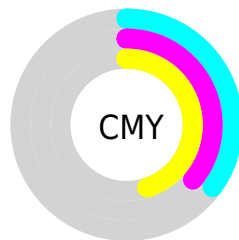


Cyan (0%)

Magenta (1%)

Yellow (15%)

Black (35%)



Cyan (35%)

Magenta (36%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6A48D 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 A6A48D by changing the saturation by 10% instead.





A6A48D



A6A48D

FFFFFF



8C8A73



DDDBC3



72705B



FAF7DF



595843



FFFFFB



42412D



2B2B18



181600



000000



A6A48D



A6A48D



A6A37C



A6A59E

 A6A16C

 A6A7AE

 A6A05B

 A6A8BF

 A69F4B

 A6A9CF

 A69D3A

 A6ABE0

 A69C29

 A6ACF1

 A69B19

 A6ADFF

 A69908

 A6AFFF

 A69900

 A6B0FF

# Harmonies

## Analogous

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



B2A08D



A6A48D



99A793

# Triad

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



A6A48D



87A8B3



B79CA9

# Complementary

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



A6A48D



8D8FA6

# 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.



AC9EB3



A6A48D



90A6B9

# Square

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



A6A48D



86AAA8



9EA2B9



BB9B9D

# Rectangle

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



A6A48D



91A999



9EA2B9



B49CAD



# Sweetspot

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



A6A48D



D9D8CE



A68D8F



6E6D67



EDEDED



6E6E6E



# Same Dimension

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



A6A48D



D9D6B2



9CA68D



54534C



948800



141300



# Inverse Universe

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



8D8FA6



B2B5D9



978DA6



4C4C54



000C94



000214



# Previews

## White Background



This preview shows how the Hex color A6A48D looks on a white background.

## Color Contrast Check

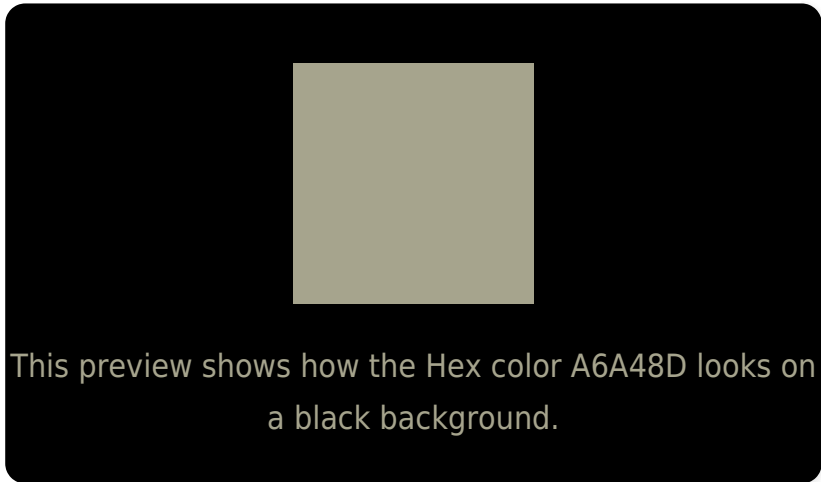
Large Text (above 18pt) WCAG AA × Fail

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

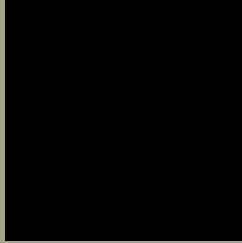
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

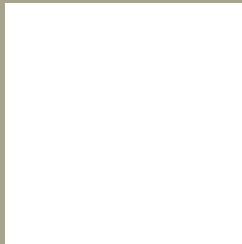
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A6A48D Background



This preview shows how black text looks on a background with the Hex color A6A48D.



This preview shows how white text looks on a background with the Hex color A6A48D.

# 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**

A6A48D

**Protanopia**

ABA28C

**Deuteranopia**

BA9D8E



# Trichromacy



**Original Color**  
A6A48D

**Protanomaly**  
A9A38C

**Deuteranomaly**  
B3A08E

**Tritanomaly**  
A9A1A1

# Monochromacy



**Original Color**  
A6A48D

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
A3A39A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6A48D 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 #A6A48D looks like.

```
.text, #text, p{  
    color:#A6A48D  
}
```

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 #A6A48D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6A48D
}
```

## Border

The CSS property to change the border of an element to Hex A6A48D 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
#A6A48D }
```

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

```
.border{ border-color:#A6A48D }
```

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

Here you see how a box with a 4 pixel #A6A48D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6A48D; -webkit-box-shadow:4px 4px  
4px 4px #A6A48D; box-shadow:4px 4px 4px  
4px #A6A48D }
```

# Background

The CSS property to change the background color of an element to Hex A6A48D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6A48D }
```

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

```
.background{ background-color:#A6A48D }
```

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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