

# Converting Colors

Hex(A6A37B)

Have a look what the booklet for  
Hex(A6A37B) contains.

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# **Color**

**Hex(A6A37B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6A37B
RGB	166, 163, 123
RGB Percent	65%, 64%, 48%
CMY	0.3490, 0.3608, 0.5176
CMYK	0.00, 0.02, 0.26, 0.35
HSL	56°, 19%, 57%
HSV	56°, 26%, 65%
XYZ	32.3982, 35.7314, 23.9282
YIQ	159.3370, 14.6280, -11.8040

# Conversions

## Conversions Part 2

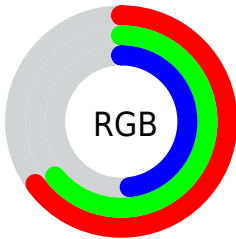
Format	Color
<a href="#">RYB</a>	<a href="#">126, 166, 123</a>
Decimal	<a href="#">10920827</a>
CIELab	<a href="#">66.31, -5.53, 21.23</a>
CIELCh	<a href="#">66, 21.937, 104.601</a>
Yxy	<a href="#">35.7314, 0.3519, 0.3881</a>
Android (android.graphics.Color)	<a href="#">4289110907 (0xFFA6A37B)</a>
YUV	<a href="#">159.3370, -17.9141, 5.8435</a>
Hunter-Lab	<a href="#">59.7758, -7.8613, 18.1093</a>

# Details

The Hex color **A6A37B** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7B7EA6**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **DDDAB0**, and **726F4A** is the 20% darker color. If you saturate the color by 10%, you get **A6A26A**, and if you desaturate by 10%, it is **A6A48C**.

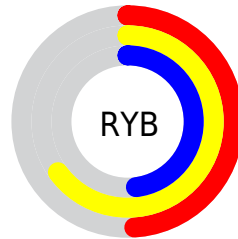
# Distribution



Red (65%)

Green (64%)

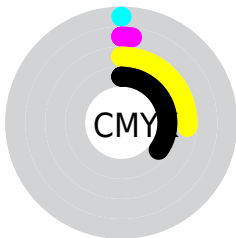
Blue (48%)



Red (49%)

Yellow (65%)

Blue (48%)

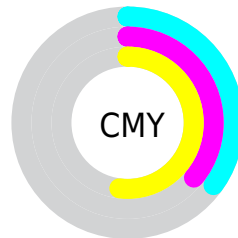


Cyan (0%)

Magenta (2%)

Yellow (26%)

Black (35%)



Cyan (35%)

Magenta (36%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6A37B 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 A6A37B by changing the saturation by 10% instead.





A6A37B



A6A37B

FFFFFF



8B8962



DDDAB0



726F4A



FAF6CB



595733



FFFFE7



41401D



2A2A06



131600



000000



A6A37B



A6A37B



A6A26A



A6A48C

 A6A15A

 A6A59C

 A6A049

 A6A6AD

 A69E39

 A6A8BD

 A69D28

 A6A9CE

 A69C17

 A6AADF

 A69B07

 A6ABEF

 A69A00

 A6ACFF

 A6ADFF

# Harmonies

## Analogous

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



B99C7C



A6A37B



90A885

# Triad

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



A6A37B



6BABBC



C294AC

# Complementary

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



A6A37B



7B7EA6

# 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.



B099BD



A6A37B



7DA6C7

# Square

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



A6A37B



6BACAA



97A0C7



CA9398

# Rectangle

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



A6A37B



81AB90



97A0C7



BD95B2



# Sweetspot

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



A6A37B



D9D8C7



A67B7F



6E6D63



EDEDED



6E6E6E



# Same Dimension

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



A6A37B



D9D496



94A67B



54544C



948A00



141300



# Inverse Universe

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



7B7EA6



969AD9



8D7BA6



4C4C54



000A94



000114



# Previews

## White Background



This preview shows how the Hex color A6A37B looks on a white background.

## Color Contrast Check

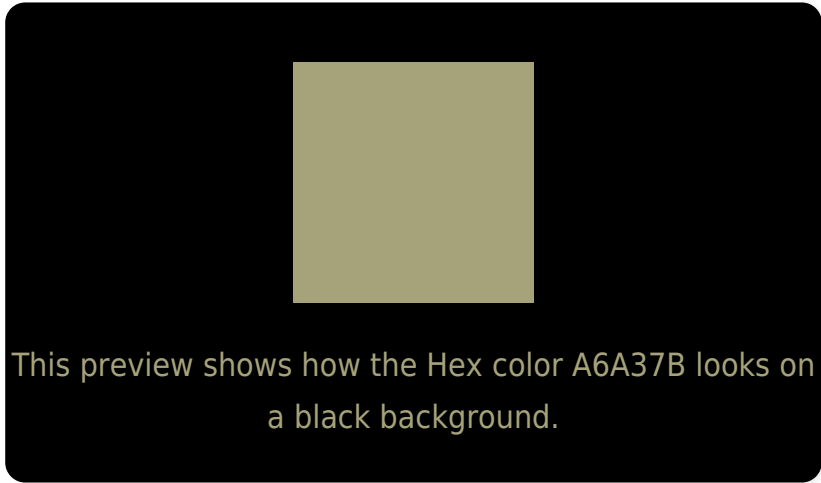
Large Text (above 18pt) WCAG AA × Fail

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

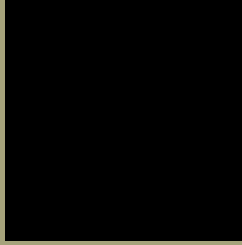
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A6A37B Background



This preview shows how black text looks on a background with the Hex color A6A37B.

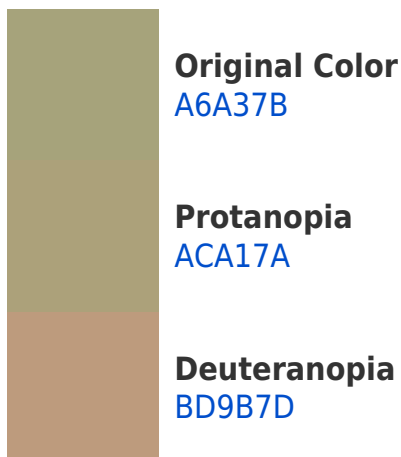


This preview shows how white text looks on a background with the Hex color A6A37B.

# 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





**Tritanopia**  
AC9DA9

# Trichromacy



**Original Color**  
A6A37B

**Protanomaly**  
AAA27A

**Deuteranomaly**  
B59E7C

**Tritanomaly**  
AA9F98

# Monochromacy



**Original Color**  
A6A37B

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
A2A092

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6A37B 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 #A6A37B looks like.

```
.text, #text, p{  
    color:#A6A37B  
}
```

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 #A6A37B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6A37B
}
```

## Border

The CSS property to change the border of an element to Hex A6A37B 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
#A6A37B }
```

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

```
.border{ border-color:#A6A37B }
```

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

Here you see how a box with a 4 pixel #A6A37B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6A37B; -webkit-box-shadow:4px 4px  
4px 4px #A6A37B; box-shadow:4px 4px 4px  
4px #A6A37B }
```

# Background

The CSS property to change the background color of an element to Hex A6A37B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6A37B }
```

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

```
.background{ background-color:#A6A37B }
```

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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