

# Converting Colors

Hex(A6AC75)

Have a look what the booklet for  
Hex(A6AC75) contains.

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# **Color**

**Hex(A6AC75)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6AC75
RGB	166, 172, 117
RGB Percent	65%, 67%, 46%
CMY	0.3490, 0.3255, 0.5412
CMYK	0.03, 0.00, 0.32, 0.33
HSL	67°, 25%, 57%
HSV	67°, 32%, 67%
XYZ	33.6893, 38.8964, 22.5618
YIQ	163.9360, 14.0790, -18.3770

# Conversions

## Conversions Part 2

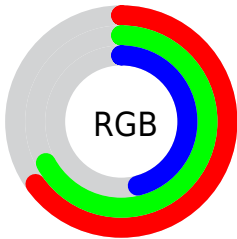
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">117, 172, 123</a>
Decimal	<a href="#">10923125</a>
CIELab	<a href="#">68.68, -11.13, 27.64</a>
CIElCh	<a href="#">69, 29.801, 111.934</a>
Yxy	<a href="#">38.8964, 0.3541, 0.4088</a>
Android (android.graphics.Color)	<a href="#">4289113205 (0xFFA6AC75)</a>
YUV	<a href="#">163.9360, -23.1394, 1.8101</a>
Hunter-Lab	<a href="#">62.3670, -12.7204, 22.2082</a>

# Details

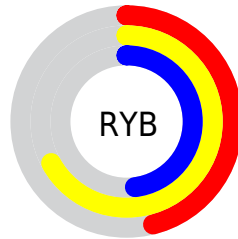
The Hex color **A6AC75** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7B75AC**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **DEE3AA**, and **717844** is the 20% darker color. If you saturate the color by 10%, you get **A4AC64**, and if you desaturate by 10%, it is **A8AC86**.

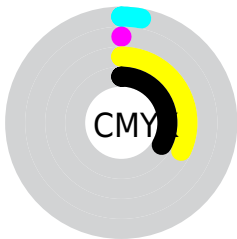
# Distribution



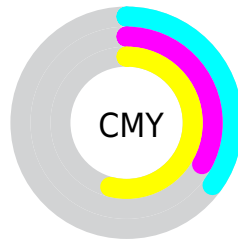
- Red (65%)
- Green (67%)
- Blue (46%)



- Red (46%)
- Yellow (67%)
- Blue (48%)



- Cyan (3%)
- Magenta (0%)
- Yellow (32%)
- Black (33%)



- Cyan (35%)
- Magenta (33%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6AC75 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 A6AC75 by changing the saturation by 10% instead.





A6AC75



A6AC75

FFFFFF



8B915C



DEE3AA



717844



FAFFC5



585F2D



FFFFE1



404716

FFFFFFE



293100



121C00



000000



A6AC75



A6AC75



A4AC64



A8AC86

 A2AC53

 AAAC97

 A0AC41

 ACACA9

 9EAC30

 AEACBA

 9DAC1F

 AFACCB

 9BAC0E

 B1ACDC

 99AC00

 B3ACED

 B5ACFF

 B7ACFF

# Harmonies

## Analogous

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



C1A372



A6AC75



87B286

# Triad

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



A6AC75



58B3D1



D894B0

# Complementary

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



A6AC75



7B75AC

# 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.



C39AC9



A6AC75



79ACDC

# Square

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



A6AC75



52B6BB



A1A3D9



DE9495

# Rectangle

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



A6AC75



72B596



A1A3D9



D295B9



# Sweetspot

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



A6AC75



DEE0CA



AC7B75



6F7063



F0F0F0



707070



# Same Dimension

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



A6AC75



D7E08B



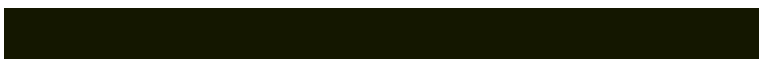
8BAC75



56574E



869600



141700



# Inverse Universe

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



7B75AC



948BE0



9675AC



4F4E57



100096



030017



# Previews

## White Background



This preview shows how the Hex color A6AC75 looks on a white background.

## Color Contrast Check

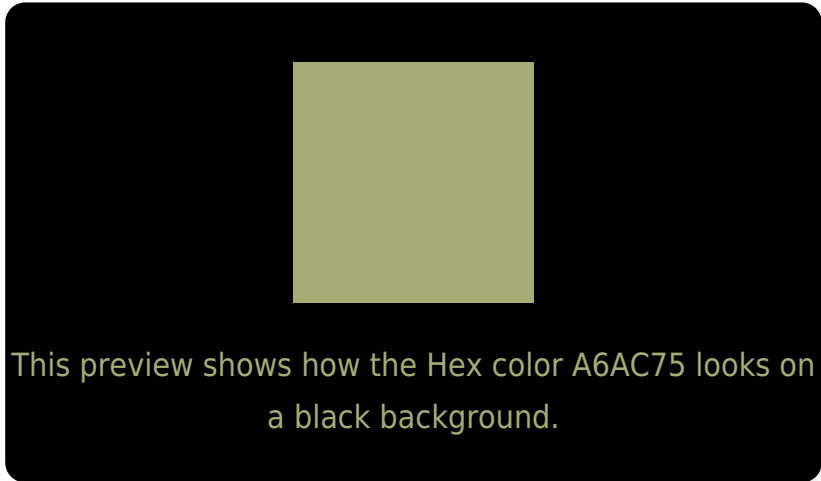
Large Text (above 18pt) WCAG AA × Fail

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

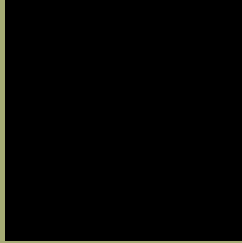
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A6AC75 Background



This preview shows how black text looks on a background with the Hex color A6AC75.

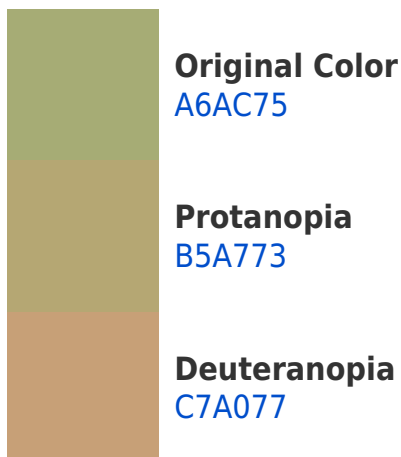


This preview shows how white text looks on a background with the Hex color A6AC75.

# 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](#).

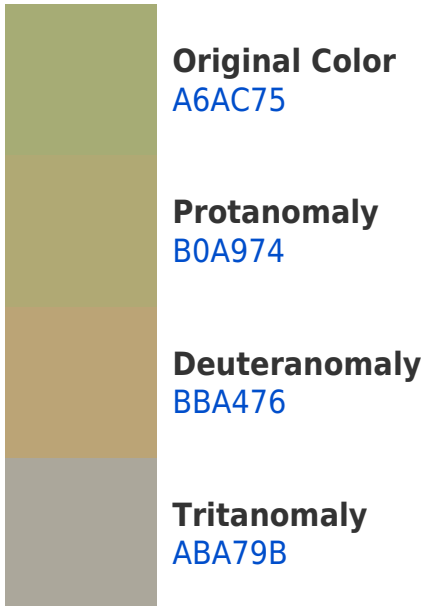
## Dichromacy



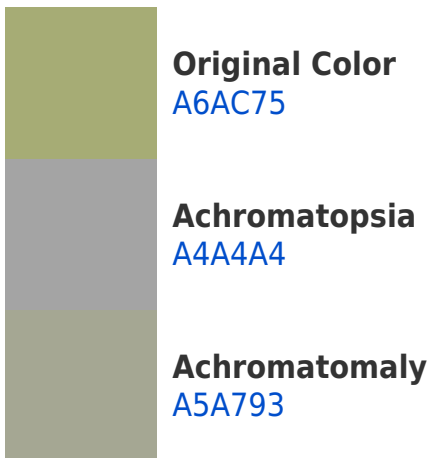


**Tritanopia**  
AEA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6AC75 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 #A6AC75 looks like.

```
.text, #text, p{  
    color:#A6AC75  
}
```

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 #A6AC75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6AC75
}
```

## Border

The CSS property to change the border of an element to Hex A6AC75 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
#A6AC75 }
```

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

```
.border{ border-color:#A6AC75 }
```

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

Here you see how a box with a 4 pixel #A6AC75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6AC75; -webkit-box-shadow:4px 4px  
4px 4px #A6AC75; box-shadow:4px 4px 4px  
4px #A6AC75 }
```

# Background

The CSS property to change the background color of an element to Hex A6AC75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6AC75 }
```

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

```
.background{ background-color:#A6AC75 }
```

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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