

# Converting Colors

Hex(A6AE56)

Have a look what the booklet for  
Hex(A6AE56) contains.

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**Color**

**Hex(A6AE56)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6AE56
RGB	166, 174, 86
RGB Percent	65%, 68%, 34%
CMY	0.3490, 0.3176, 0.6627
CMYK	0.05, 0.00, 0.51, 0.32
HSL	65°, 35%, 51%
HSV	65°, 51%, 68%
XYZ	32.5417, 39.0510, 14.6266
YIQ	161.5760, 23.4800, -29.0640

# Conversions

## Conversions Part 2

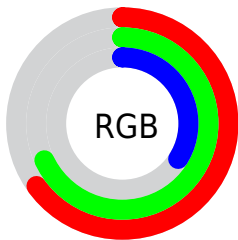
Format	Color
<a href="#">RYB</a>	<a href="#">86, 174, 94</a>
Decimal	<a href="#">10923606</a>
CIELab	<a href="#">68.79, -15.68, 43.76</a>
CIELCh	<a href="#">69, 46.482, 109.714</a>
Yxy	<a href="#">39.0510, 0.3774, 0.4529</a>
Android (android.graphics.Color)	<a href="#">4289113686</a> ( <a href="#">0xFFA6AE56</a> )
YUV	<a href="#">161.5760, -37.2590, 3.8798</a>
Hunter-Lab	<a href="#">62.4908, -16.4062, 29.8662</a>

# Details

The Hex color **A6AE56** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5E56AE**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **DFE58A**, and **707A24** is the 20% darker color. If you saturate the color by 10%, you get **A4AE45**, and if you desaturate by 10%, it is **A8AE67**.

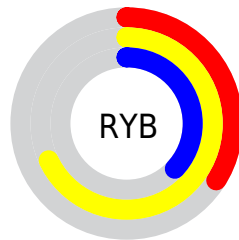
# Distribution



Red (65%)

Green (68%)

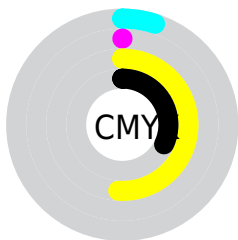
Blue (34%)



Red (34%)

Yellow (68%)

Blue (37%)

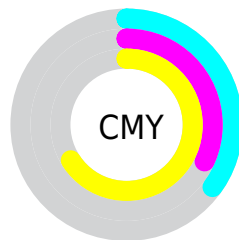


Cyan (5%)

Magenta (0%)

Yellow (51%)

Black (32%)



Cyan (35%)

Magenta (32%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6AE56 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 A6AE56 by changing the saturation by 10% instead.



 A6AE56

 A6AE56

FFFFFF

 8B933D

 DFE58A

 707A24

 FCFFA5

 566106

 FFFFC1

 3D4900

 FFFFDD

 253300

 FFFFFA

 081E00

 000000

 A6AE56

 A6AE56

 A4AE45

 A8AE67

 A3AE33

 A9AE79

 A1AE22

 ABAE8A

 A0AE10

 ACAE9C

 9EAE00

 AEAEAD

 AFAEBE

 B1AED0

 B3AEE1

 B4AEF3

# Harmonies

## Analogous

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



CEA054



A6AE56



75B870

# Triad

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



A6AE56



00BAE7



EF87B8

# Complementary

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



A6AE56



5E56AE

# 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.



CE92DF



A6AE56



3AB0FA

# Square

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



A6AE56



00BDC3



95A2F7



F8868E

# Rectangle

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



A6AE56



4CBB89



95A2F7



E78AC6



# Sweetspot

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



A6AE56



E0E3C1



AE5D56



71735E



F2F2F2



737373



# Same Dimension

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



A6AE56



D6E359



7BAE56



56574E



899600



151700



# Inverse Universe

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



5E56AE



6559E3



8956AE



4F4E57



0E0096



020017



# Previews

## White Background



This preview shows how the Hex color A6AE56 looks on a white background.

## Color Contrast Check

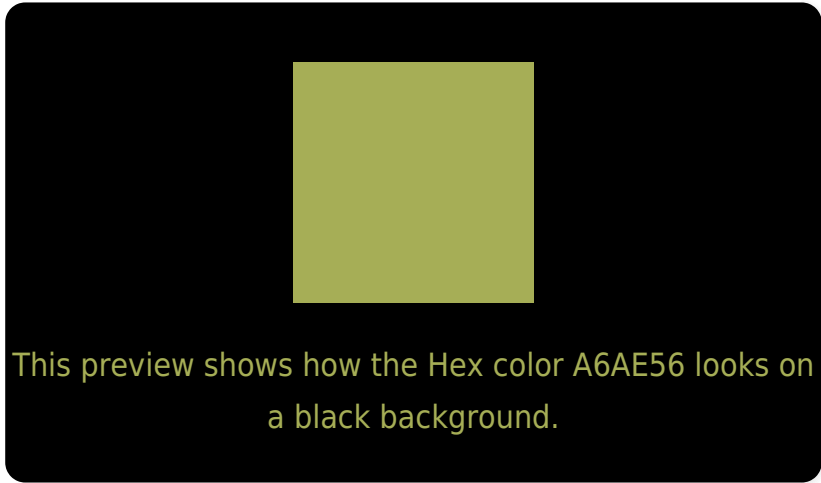
Large Text (above 18pt) WCAG AA × Fail

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

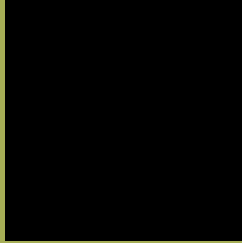
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A6AE56 Background



This preview shows how black text looks on a background with the Hex color A6AE56.

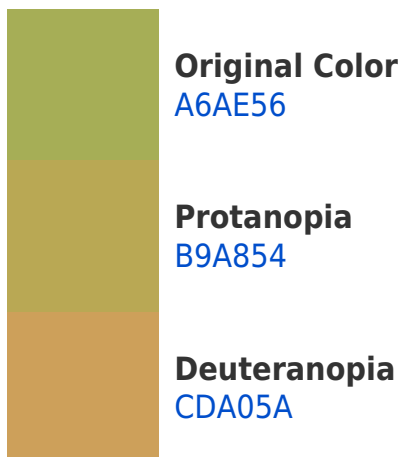


This preview shows how white text looks on a background with the Hex color A6AE56.

# 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](#).

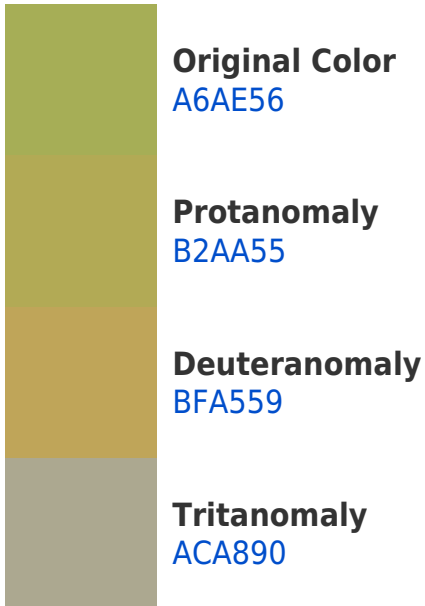
## Dichromacy





**Tritanopia**  
B0A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6AE56 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 #A6AE56 looks like.

```
.text, #text, p{  
    color:#A6AE56  
}
```

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 #A6AE56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6AE56
}
```

## Border

The CSS property to change the border of an element to Hex A6AE56 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
#A6AE56 }
```

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

```
.border{ border-color:#A6AE56 }
```

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

Here you see how a box with a 4 pixel #A6AE56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6AE56; -webkit-box-shadow:4px 4px  
4px 4px #A6AE56; box-shadow:4px 4px 4px  
4px #A6AE56 }
```

# Background

The CSS property to change the background color of an element to Hex A6AE56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6AE56 }
```

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

```
.background{ background-color:#A6AE56 }
```

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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