

# Converting Colors

Hex(A68E56)

Have a look what the booklet for  
Hex(A68E56) contains.

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**Color**

**Hex(A68E56)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A68E56
RGB	166, 142, 86
RGB Percent	65%, 56%, 34%
CMY	0.3490, 0.4431, 0.6627
CMYK	0.00, 0.14, 0.48, 0.35
HSL	42°, 32%, 49%
HSV	42°, 48%, 65%
XYZ	27.0786, 28.1249, 12.8055
YIQ	142.7920, 32.2800, -12.3280

# Conversions

## Conversions Part 2

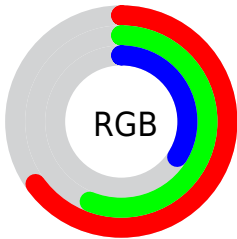
<b>Format</b>	<b>Color</b>
<b>RYB</b>	120, 166, 86
Decimal	10915414
CIELab	60.00, 1.41, 33.05
CIElCh	60, 33.078, 87.556
Yxy	28.1249, 0.3982, 0.4135
Android (android.graphics.Color)	4289105494 (0xFFA68E56)
YUV	142.7920, -27.9985, 20.3534
Hunter-Lab	53.0329, -1.6655, 22.8066

# Details

The Hex color **A68E56** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **566EA6**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **DFC489**, and **705C27** is the 20% darker color. If you saturate the color by 10%, you get **A68945**, and if you desaturate by 10%, it is **A69367**.

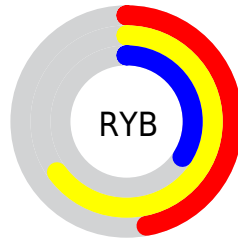
# Distribution



Red (65%)

Green (56%)

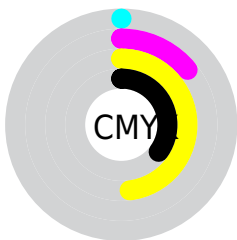
Blue (34%)



Red (47%)

Yellow (65%)

Blue (34%)

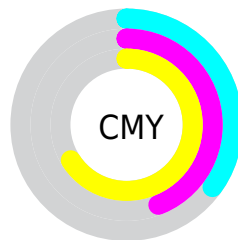


Cyan (0%)

Magenta (14%)

Yellow (48%)

Black (35%)



Cyan (35%)

Magenta (44%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A68E56 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 A68E56 by changing the saturation by 10% instead.



 A68E56

 A68E56

FFFFFF

 8B753E

 DFC489

 705C27

 FCDFA3

 56450F

 FFFCBF

 3E2E00

 FFFFDB

 251A00

 FFFFF7

 040000

 000000

 A68E56

 A68E56

 A68945

 A69367

 A68435

 A69877

 A67F24

 A69D88

 A67A14

 A6A298

 A67503

 A6A7A9

 A67400

 A6ACBA

 A6B1CA

 A6B6DB

 A6BBEB

# Harmonies

## Analogous

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



BD8460



A68E56



88975C

# Triad

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



A68E56



17A0AB



B380B0

# Complementary

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



A68E56



566EA6

# 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.



918AC4



A68E56



2F9CC1

# Square

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



A68E56



3FA08D



6294CA



C67A94

# Rectangle

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



A68E56



729B68



6294CA



A983B8



# Sweetspot

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



A68E56



D9D0BA



A6566E



6E685B



EDEDED



6E6E6E



# Same Dimension

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



A68E56



D9B35B



96A656



54524C



946800



140E00



# Inverse Universe

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



566EA6



5B81D9



6656A6



4C4E54



002C94



000614



# Previews

## White Background



This preview shows how the Hex color A68E56 looks on a white background.

## Color Contrast Check

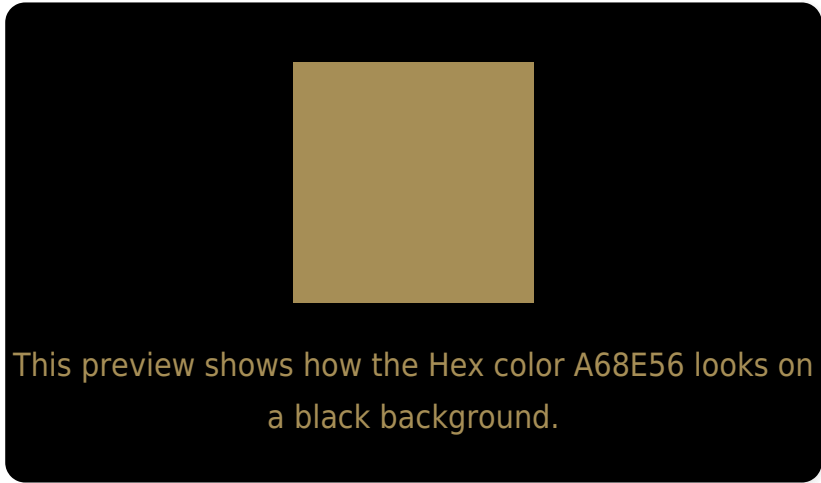
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex A68E56 Background



This preview shows how black text looks on a background with the Hex color A68E56.



This preview shows how white text looks on a background with the Hex color A68E56.

# 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**  
A68E56

**Protanopia**  
9E9157

**Deuteranopia**  
B08A57

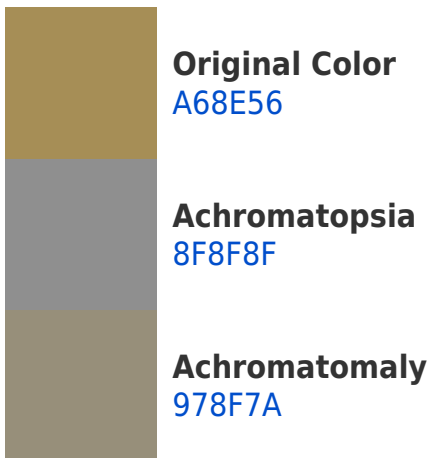


**Tritanopia**  
AC8791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A68E56 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 #A68E56 looks like.

```
.text, #text, p{  
    color:#A68E56  
}
```

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 #A68E56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A68E56
}
```

## Border

The CSS property to change the border of an element to Hex A68E56 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
#A68E56 }
```

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

```
.border{ border-color:#A68E56 }
```

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

Here you see how a box with a 4 pixel #A68E56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A68E56; -webkit-box-shadow:4px 4px  
4px 4px #A68E56; box-shadow:4px 4px 4px  
4px #A68E56 }
```

# Background

The CSS property to change the background color of an element to Hex A68E56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A68E56 }
```

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

```
.background{ background-color:#A68E56 }
```

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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