

# Converting Colors

Hex(A09E71)

Have a look what the booklet for  
Hex(A09E71) contains.

<b>Hex(A09E71)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(A09E71)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A09E71
RGB	160, 158, 113
RGB Percent	63%, 62%, 44%
CMY	0.3725, 0.3804, 0.5569
CMYK	0.00, 0.01, 0.29, 0.37
HSL	57°, 20%, 54%
HSV	57°, 29%, 63%
XYZ	29.7047, 33.1196, 20.4499
YIQ	153.4680, 15.6370, -13.5710

# Conversions

## Conversions Part 2

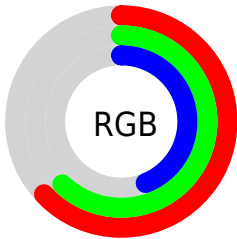
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">115, 160, 113</a>
Decimal	<a href="#">10526321</a>
CIELab	<a href="#">64.26, -6.63, 23.84</a>
CIElCh	<a href="#">64, 24.743, 105.533</a>
Yxy	<a href="#">33.1196, 0.3567, 0.3977</a>
Android (android.graphics.Color)	<a href="#">4288716401 (0xFFA09E71)</a>
YUV	<a href="#">153.4680, -19.9507, 5.7286</a>
Hunter-Lab	<a href="#">57.5496, -8.5775, 19.2164</a>

# Details

The Hex color **A09E71** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7173A0**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D7D5A5**, and **6C6B41** is the 20% darker color. If you saturate the color by 10%, you get **A09D61**, and if you desaturate by 10%, it is **A09F81**.

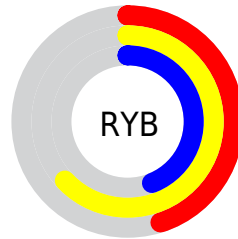
# Distribution



Red (63%)

Green (62%)

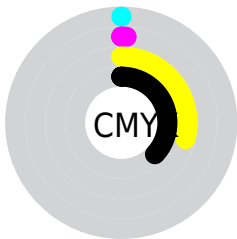
Blue (44%)



Red (45%)

Yellow (63%)

Blue (44%)

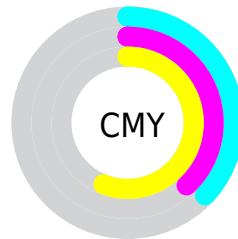


Cyan (0%)

Magenta (1%)

Yellow (29%)

Black (37%)



Cyan (37%)

Magenta (38%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A09E71 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 A09E71 by changing the saturation by 10% instead.



 A09E71

 A09E71

FFFFFF

 858458

 D7D5A5

 6C6B41

 F4F1C0

 53532A

 FFFFDC

 3B3C14

 FFFFF9

 262600

 071200

 000000

 A09E71

 A09E71

 A09D61

 A09F81

 A09D51

 A09F91

 A09C41

 A0A0A1

 A09B31

 A0A1B1

 A09B21

 A0A1C1

 A09A11

 A0A2D1

 A09901

 A0A3E1

 A09900

 A0A3F1

 A0A4FF

# Harmonies

## Analogous

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



B69771



A09E71



87A47C

# Triad

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



A09E71



5CA6BB



C18DA7

# Complementary

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



A09E71



7173A0

# 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.



AD92BB



A09E71



72A1C6

# Square

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



A09E71



5CA8A7



919AC6



C98C91

# Rectangle

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



A09E71



76A789



919AC6



BC8EAE



# Sweetspot

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



A09E71



D1D0BE



A07173



69685D



E8E8E8



696969



# Same Dimension

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



A09E71



D1CE88



8BA071



4F4F47



8F8900



0F0F00



# Inverse Universe

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



7173A0



888BD1



8671A0



47474F



00068F



00010F



# Previews

## White Background



This preview shows how the Hex color A09E71 looks on a white background.

## Color Contrast Check

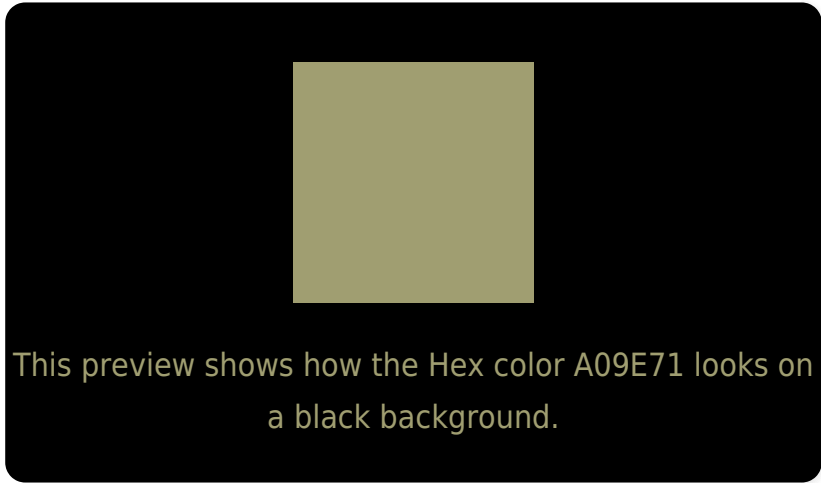
Large Text (above 18pt) WCAG AA × Fail

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

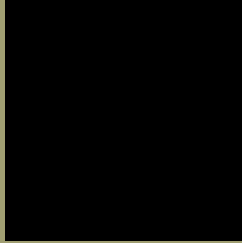
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A09E71 Background



This preview shows how black text looks on a background with the Hex color A09E71.



This preview shows how white text looks on a background with the Hex color A09E71.

# 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**  
A09E71

**Protanopia**  
A89C70

**Deuteranopia**  
B89573



**Tritanopia**  
A697A3

# Trichromacy



**Original Color**  
A09E71

**Protanomaly**  
A59D70

**Deuteranomaly**  
AF9872

**Tritanomaly**  
A49A91

# Monochromacy



**Original Color**  
A09E71

**Achromatopsia**  
999999

**Achromatomaly**  
9C9B8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A09E71 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 #A09E71 looks like.

```
.text, #text, p{  
    color:#A09E71  
}
```

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 #A09E71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A09E71  
}
```

## Border

The CSS property to change the border of an element to Hex A09E71 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  
#A09E71 }
```

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

```
.border{ border-color:#A09E71 }
```

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

Here you see how a box with a 4 pixel #A09E71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A09E71; -webkit-box-shadow:4px 4px  
4px 4px #A09E71; box-shadow:4px 4px 4px  
4px #A09E71 }
```

# Background

The CSS property to change the background color of an element to Hex A09E71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A09E71 }
```

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

```
.background{ background-color:#A09E71 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor