

# Converting Colors

Hex(ABADAE)

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

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

# **Color**

**Hex(ABADAE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABADAE
RGB	171, 173, 174
RGB Percent	67%, 68%, 68%
CMY	0.3294, 0.3216, 0.3176
CMYK	0.02, 0.01, 0.00, 0.32
HSL	200°, 2%, 68%
HSV	200°, 2%, 68%
XYZ	39.3781, 41.6011, 45.9988
YIQ	172.5160, -1.5130, -0.1130

# Conversions

## Conversions Part 2

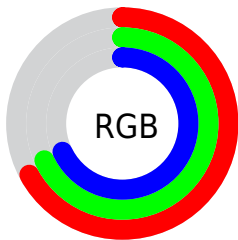
Format	Color
<a href="#">RYB</a>	<a href="#">171, 172, 174</a>
Decimal	<a href="#">11251118</a>
CIELab	<a href="#">70.59, -0.51, -0.77</a>
CIELCh	<a href="#">71, 0.923, 236.309</a>
Yxy	<a href="#">41.6011, 0.3101, 0.3276</a>
Android (android.graphics.Color)	<a href="#">4289441198 (0xFFABADAE)</a>
YUV	<a href="#">172.5160, 0.7316, -1.3295</a>
Hunter-Lab	<a href="#">64.4989, -3.8945, 2.8653</a>

# Details

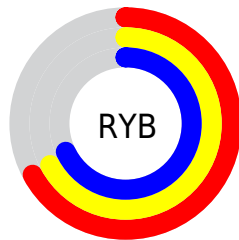
The Hex color **ABADAE** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AEACAB**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **E2E4E5**, and **77797A** is the 20% darker color. If you saturate the color by 10%, you get **9AA7AE**, and if you desaturate by 10%, it is **BCB3AE**.

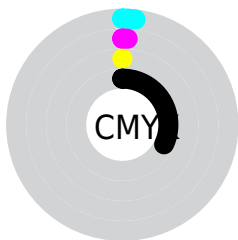
# Distribution



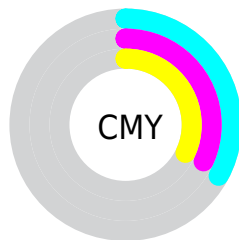
- Red (67%)
- Green (68%)
- Blue (68%)



- Red (67%)
- Yellow (67%)
- Blue (68%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (32%)



- Cyan (33%)
- Magenta (32%)
- Yellow (32%)

# Brightness & Saturation Gradients

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



■ ABADAE

■ ABADAE

FFFFFF

■ 919293

■ E2E4E5

■ 77797A

■ 5E6061

■ 474849

■ 303233

■ 1B1D1E

■ 000304

■ 000000

■ ABADAE

■ ABADAE

9AA7AE

BCB3AE

88A1AE

CEB9AE

779CAE

DFBEAE

6596AE

F1C4AE

5490AE

FFCAAEE

438AAE

FFD0AE

3184AE

FFD6AE

207FAE

FFDBAE

0E79AE

FFE1AE

# Harmonies

## Analogous

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



ABADAD



ABADAE



ACADAE

# Triad

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



ABADAE



AEACAD



ADADAB

# Complementary

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



ABADAE



AEACAB

# 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.



AEADAB



ABADAE



AFACAC

# Square

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



ABADAE



AEACAE



AEACAB



ACADAC

# Rectangle

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



ABADAE



ACADAE



AEACAB



ADADAB

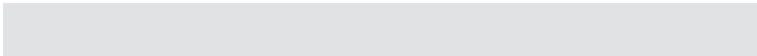


# Sweetspot

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



ABADAE



E1E2E3



ABAEAC



727273



F2F2F2



737373

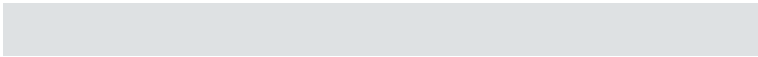


# Same Dimension

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



ABADAE



DEE1E3



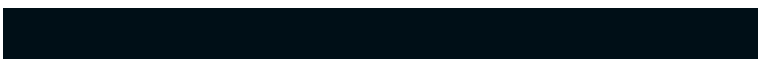
ABACAE



555657



006496



000F17



# Inverse Universe

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



AEABAD



E3DEE1



AEADAB



575556



960064



17000F



# Previews

## White Background



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

## Color Contrast Check

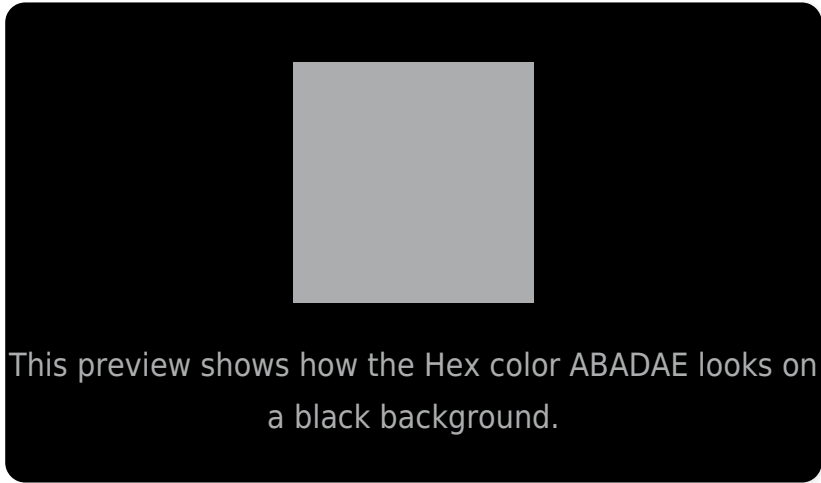
Large Text (above 18pt) WCAG AA × Fail

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

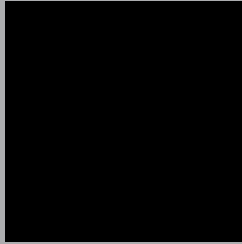
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

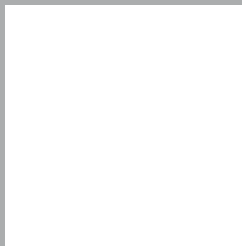
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ABADA E Background



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

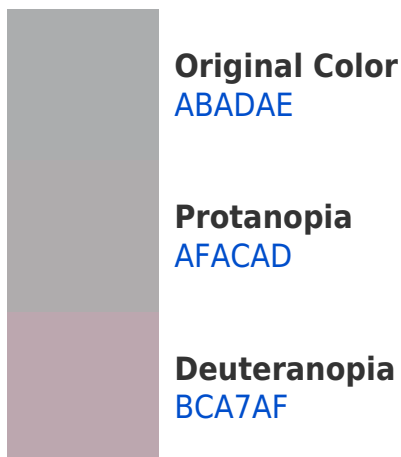


This preview shows how white text looks on a background with the Hex color ABADA E.

# Color Blindness Simulation

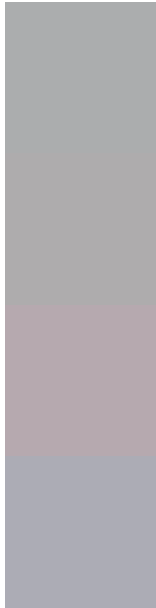
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



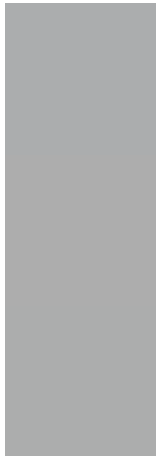
**Original Color**  
ABADAE

**Protanomaly**  
AEACAD

**Deuteranomaly**  
B6A9AF

**Tritanomaly**  
ACACB5

# Monochromacy



**Original Color**  
ABADAE

**Achromatopsia**  
ADADAD

**Achromatomaly**  
ACADAD

# CSS Examples

## Text

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

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

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 #ABADAE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

```
.background, #background, body{  
background:#ABADA E }
```

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

```
.background{ background-color:#ABADA E }
```

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