

# Converting Colors

Hex(ABABAE)

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

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# **Color**

**Hex(ABABAE)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | ABABAE                    |
| RGB         | 171, 171, 174             |
| RGB Percent | 67%, 67%, 68%             |
| CMY         | 0.3294, 0.3294, 0.3176    |
| CMYK        | 0.02, 0.02, 0.00, 0.32    |
| HSL         | 240°, 2%, 68%             |
| HSV         | 240°, 2%, 68%             |
| XYZ         | 38.9975, 40.8397, 45.8719 |
| YIQ         | 171.3420, -0.9630, 0.9330 |

# Conversions

## Conversions Part 2

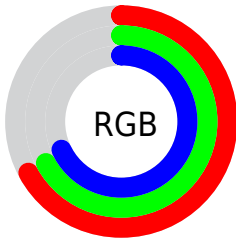
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">171, 171, 174</a>                                |
| Decimal                             | <a href="#">11250606</a>                                     |
| CIELab                              | <a href="#">70.06, 0.57, -1.55</a>                           |
| CIELCh                              | <a href="#">70, 1.649, 290.377</a>                           |
| Yxy                                 | <a href="#">40.8397, 0.3102, 0.3249</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4289440686</a><br>( <a href="#">0xFFABABAE</a> ) |
| YUV                                 | <a href="#">171.3420, 1.3104, -0.2999</a>                    |
| Hunter-Lab                          | <a href="#">63.9060, -2.9090, 2.1757</a>                     |

# Details

The Hex color **ABABAE** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AEAEAB**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **E2E2E5**, and **77777A** is the 20% darker color. If you saturate the color by 10%, you get **9A9AAE**, and if you desaturate by 10%, it is **BCBCAE**.

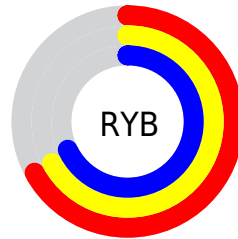
# Distribution



Red (67%)

Green (67%)

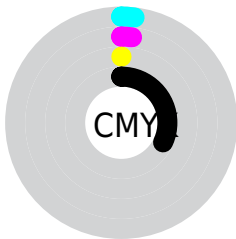
Blue (68%)



Red (67%)

Yellow (67%)

Blue (68%)

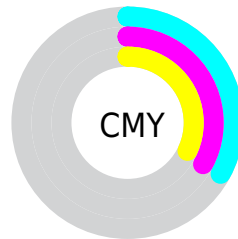


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (32%)



Cyan (33%)

Magenta (33%)

Yellow (32%)

# Brightness & Saturation Gradients

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



■ ABABAE

■ ABABAE

FFFFFF

■ 919193

■ E2E2E5

■ 77777A

■ 5E5E61

■ 474749

■ 303033

■ 1B1B1E

■ 000004

■ 000000

■ ABABAE

■ ABABAE

■ 9A9AAE

■ BCBCAE

■ 8888AE

■ CECEAE

■ 7777AE

■ DFDFAE

■ 6565AE

■ F1F1AE

■ 5454AE

■ FFFF AE

■ 4343AE

■ 3131AE

■ 2020AE

■ 0E0EAE

# Harmonies

## Analogous

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



A9ABAE



ABABAE



ADABAD

# Triad

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



ABABAE



AEABA9



A8ACAB

# Complementary

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



ABABAE



AEAEAB

# 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.



AAACA9



ABABAE



ADABA8

# Square

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



ABABAE



AFAAAA



ABABA8



A8ACAC

# Rectangle

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



ABABAE



AEAAAC



ABABA8



A9ACAA

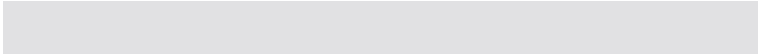


# Sweetspot

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



ABABAE



E1E1E3



ABAEAE



727273



F2F2F2



737373

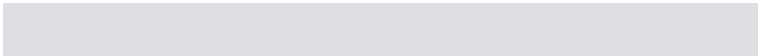


# Same Dimension

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



ABABAE



DEDEE3



ACABAE



55557



000096



000017



# Inverse Universe

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



AEABAE



E3DEE3



ACAEAB



575557



960096



170017



# Previews

## White Background



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

## Color Contrast Check

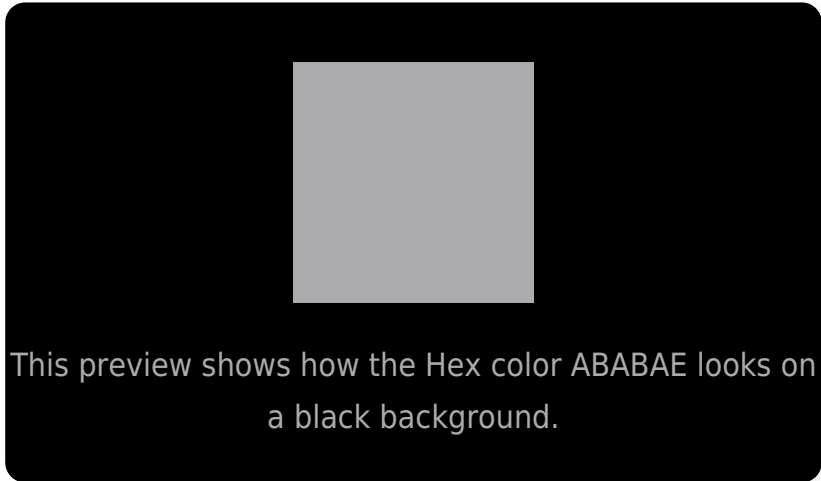
Large Text (above 18pt) WCAG AA × Fail

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

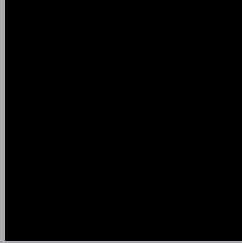
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

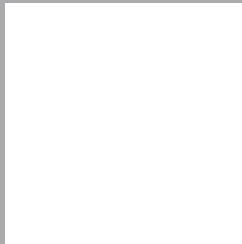
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ABABAE Background



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

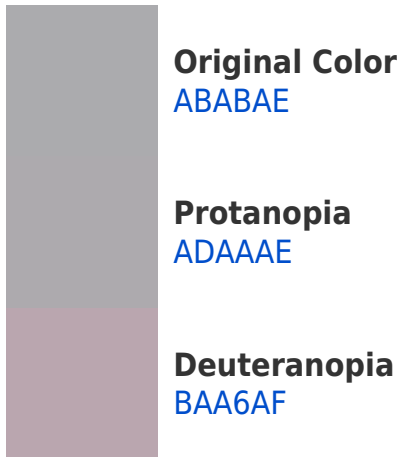


This preview shows how white text looks on a background with the Hex color ABABAE.

# Color Blindness Simulation

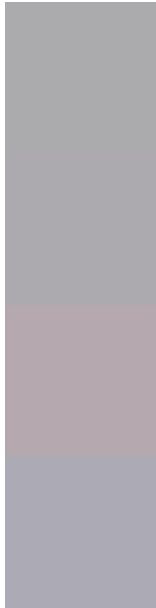
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



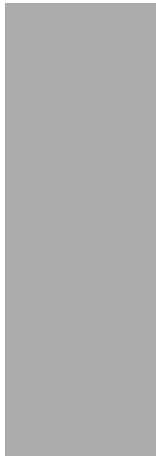
**Original Color**  
ABABAE

**Protanomaly**  
ACAAAE

**Deuteranomaly**  
B5A8AF

**Tritanomaly**  
ACAAB4

# Monochromacy



**Original Color**  
ABABAE

**Achromatopsia**  
ABABAB

**Achromatomaly**  
ABABAC

# CSS Examples

## Text

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

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

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 #ABABAE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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