

# Converting Colors

Hex(ABACA5)

Have a look what the booklet for  
Hex(ABACA5) contains.

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# **Color**

**Hex(ABACA5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABACA5
RGB	171, 172, 165
RGB Percent	67%, 67%, 65%
CMY	0.3294, 0.3255, 0.3529
CMYK	0.01, 0.00, 0.04, 0.33
HSL	69°, 4%, 66%
HSV	69°, 4%, 67%
XYZ	38.3386, 40.8796, 41.4672
YIQ	170.9030, 1.6510, -2.3890

# Conversions

## Conversions Part 2

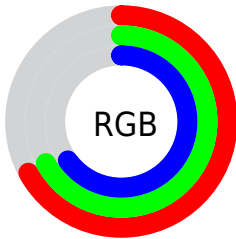
Format	Color
<a href="#">RYB</a>	<a href="#">165, 172, 166</a>
Decimal	<a href="#">11250853</a>
CIELab	<a href="#">70.09, -1.65, 3.46</a>
CIELCh	<a href="#">70, 3.837, 115.481</a>
Yxy	<a href="#">40.8796, 0.3177, 0.3387</a>
Android (android.graphics.Color)	<a href="#">4289440933</a> ( <a href="#">0xFFABACA5</a> )
YUV	<a href="#">170.9030, -2.9102, 0.0851</a>
Hunter-Lab	<a href="#">63.9371, -4.8560, 6.3028</a>

# Details

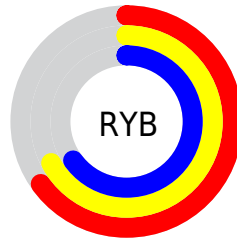
The Hex color **ABACA5** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A6A5AC**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **E2E3DC**, and **777871** is the 20% darker color. If you saturate the color by 10%, you get **A9AC94**, and if you desaturate by 10%, it is **ADACB6**.

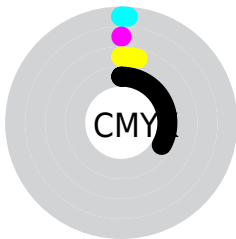
# Distribution



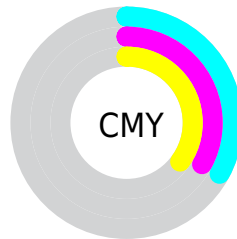
- Red (67%)
- Green (67%)
- Blue (65%)



- Red (65%)
- Yellow (67%)
- Blue (65%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (33%)



- Cyan (33%)
- Magenta (33%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABACA5 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 ABACA5 by changing the saturation by 10% instead.



 ABACA5

 ABACA5

FFFFFF

 90918B

 E2E3DC

 777871

 FFFFF8

 5E5F59

 474741

 30312B

 1B1C17

 000100

 000000

 ABACA5

 ABACA5

 A9AC94

 ADACB6

 A6AC83

 B0ACC7

 A4AC71

 B2ACD9

 A1AC60

 B5ACEA

 9FAC4F

 B7ACFB

 9CAC3E

 BAACFF

 9AAC2D

 BCACFF

 97AC1B

 BFACFF

 95AC0A

 C1ACFF

# Harmonies

## Analogous

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



AFABA4



ABACA5



A7ADA7

# Triad

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



ABACA5



A4ADB1



B2A9AC

# Complementary

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



ABACA5



A6A5AC

# 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.



AFAAF



ABACA5



A7ACB2

# Square

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



ABACA5



A3ADAE



ABABB2



B3A9A8

# Rectangle

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



ABACA5



A5ADA9



ABABB2



B2A9AD



# Sweetspot

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



ABACA5



E0E0DE



ACA6A5



70706F



F0F0F0



707070



# Same Dimension

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



ABACA5



DFE0D5



A8ACA5



565751



819600



141700



# Inverse Universe

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



A6A5AC



D7D5E0



A9A5AC



525157



150096



030017



# Previews

## White Background



This preview shows how the Hex color ABACA5 looks on a white background.

## Color Contrast Check

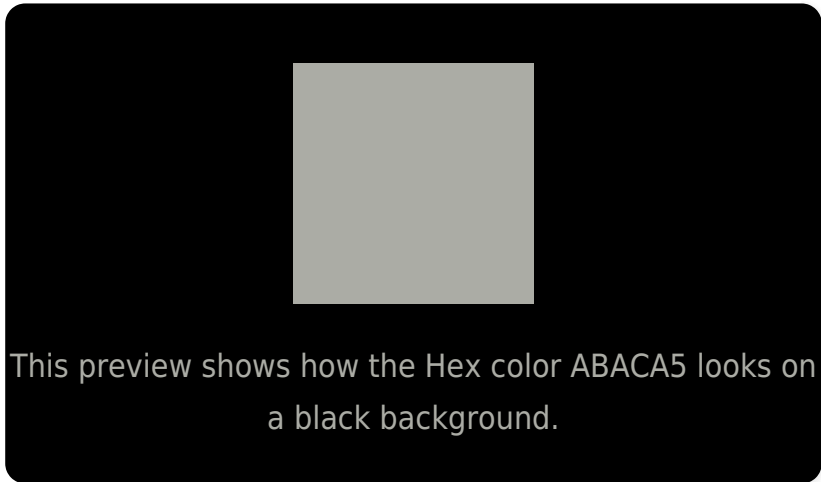
Large Text (above 18pt) WCAG AA × Fail

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

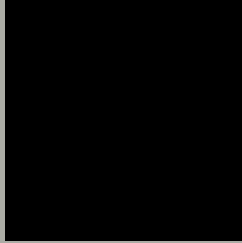
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

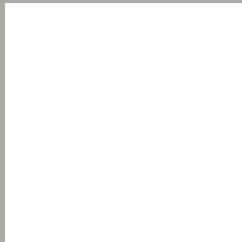
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ABACA5 Background



This preview shows how black text looks on a background with the Hex color ABACA5.

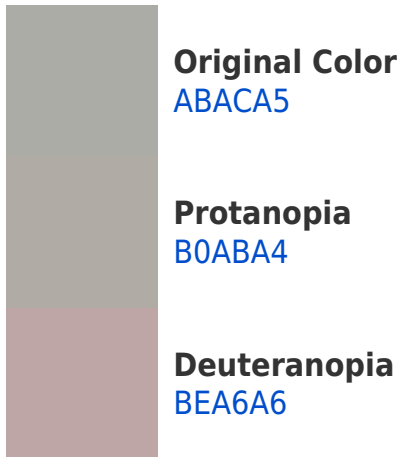


This preview shows how white text looks on a background with the Hex color ABACA5.

# 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](#).

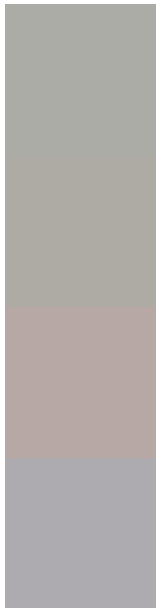
## Dichromacy





**Tritanopia**  
AEA9B7

# Trichromacy



**Original Color**  
ABACA5

**Protanomaly**  
AEABA4

**Deuteranomaly**  
B7A8A6

**Tritanomaly**  
ADAAB0

# Monochromacy



**Original Color**  
ABACA5

**Achromatopsia**  
ABABAB

**Achromatomaly**  
ABABA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABACA5 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 #ABACA5 looks like.

```
.text, #text, p{  
    color:#ABACA5  
}
```

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 #ABACA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABACA5  
}
```

## Border

The CSS property to change the border of an element to Hex ABACA5 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  
#ABACA5 }
```

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

```
.border{ border-color:#ABACA5 }
```

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

Here you see how a box with a 4 pixel #ABACA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABACA5; -webkit-box-shadow:4px 4px  
4px 4px #ABACA5; box-shadow:4px 4px 4px  
4px #ABACA5 }
```

# Background

The CSS property to change the background color of an element to Hex ABACA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABACA5 }
```

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

```
.background{ background-color:#ABACA5 }
```

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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