

# Converting Colors

Hex(ABB969)

Have a look what the booklet for  
Hex(ABB969) contains.

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**Color**

**Hex(ABB969)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABB969
RGB	171, 185, 105
RGB Percent	67%, 73%, 41%
CMY	0.3294, 0.2745, 0.5882
CMYK	0.08, 0.00, 0.43, 0.27
HSL	70°, 36%, 57%
HSV	70°, 43%, 73%
XYZ	36.6934, 44.3758, 19.9960
YIQ	171.6940, 17.3360, -27.8480

# Conversions

## Conversions Part 2

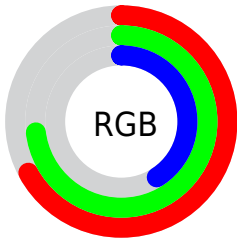
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 185, 119
Decimal	11254121
CIELab	72.48, -17.30, 38.87
CIELCh	72, 42.546, 113.998
Yxy	44.3758, 0.3631, 0.4391
Android (android.graphics.Color)	4289444201 (0xFFABB969)
YUV	171.6940, -32.8801, -0.6086
Hunter-Lab	66.6151, -18.2541, 28.8334

# Details

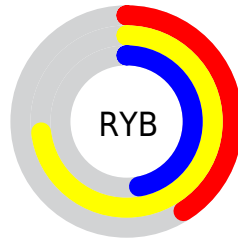
The Hex color **ABB969** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7769B9**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **E3F19E**, and **758437** is the 20% darker color. If you saturate the color by 10%, you get **A8B956**, and if you desaturate by 10%, it is **AEB97C**.

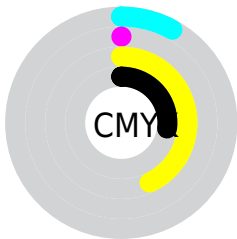
# Distribution



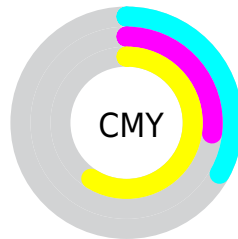
- Red (67%)
- Green (73%)
- Blue (41%)



- Red (41%)
- Yellow (73%)
- Blue (47%)



- Cyan (8%)
- Magenta (0%)
- Yellow (43%)
- Black (27%)



- Cyan (33%)
- Magenta (27%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABB969 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 ABB969 by changing the saturation by 10% instead.





ABB969



ABB969

FFFFFF



909E50



E3F19E



758437



FFFFB9



5B6B1F



FFFFD5



425303



FFFFF2



2C3B00



122600



001000



000000



ABB969



ABB969

 A8B956

 AEB97C

 A5B944

 B1B98E

 A1B932

 B5B9A1

 9EB91F

 B8B9B3

 9BB90C

 BBB9C5

 99B900

 BEB9D8

 C2B9EB

 C5B9FD

 C8B9FF

# Harmonies

## Analogous

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



D2AD64



ABB969



7DC283

# Triad

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



ABB969



00C1F0



F793BB

# Complementary

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



ABB969



7769B9

# 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.



DB9CE0



ABB969



67B8FF

# Square

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



ABB969



00C6D0



AAABF9



FD9594

# Rectangle

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



ABB969



59C59B



AAABF9



F095C8



# Sweetspot

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



ABB969



EAF0D1



B97669



747865



F7F7F7



787878



# Same Dimension

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



ABB969



DAF073



84B969



5A5C53



809C00



171C00



# Inverse Universe

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



7769B9



8973F0



9E69B9



54535C



1B009C



05001C



# Previews

## White Background



This preview shows how the Hex color ABB969 looks on a white background.

## Color Contrast Check

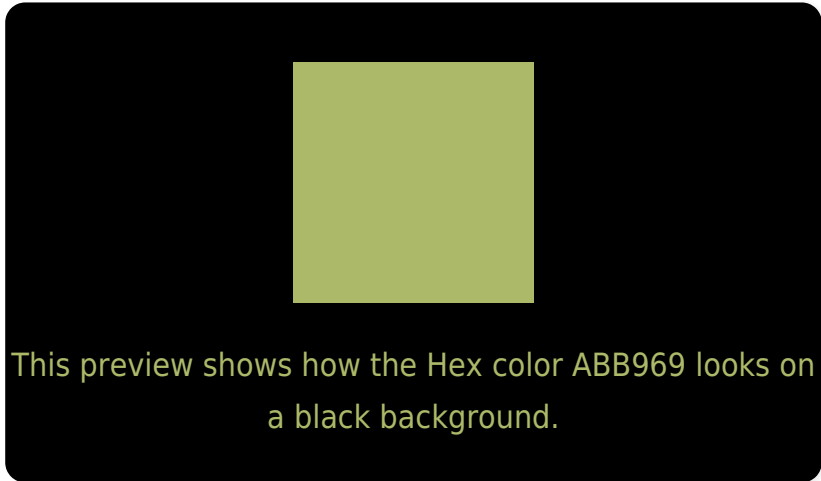
Large Text (above 18pt) WCAG AA × Fail

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

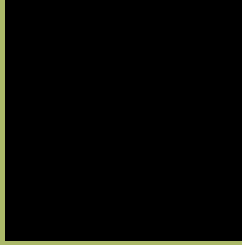
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ABB969 Background



This preview shows how black text looks on a background with the Hex color ABB969.

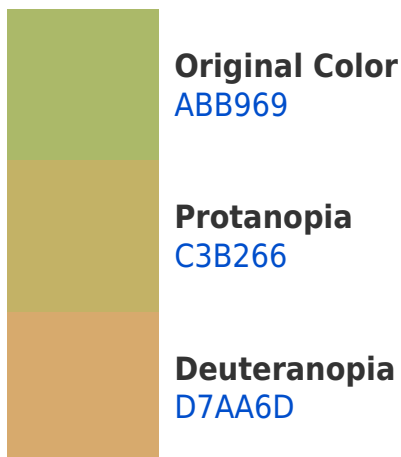


This preview shows how white text looks on a background with the Hex color ABB969.

# 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](#).

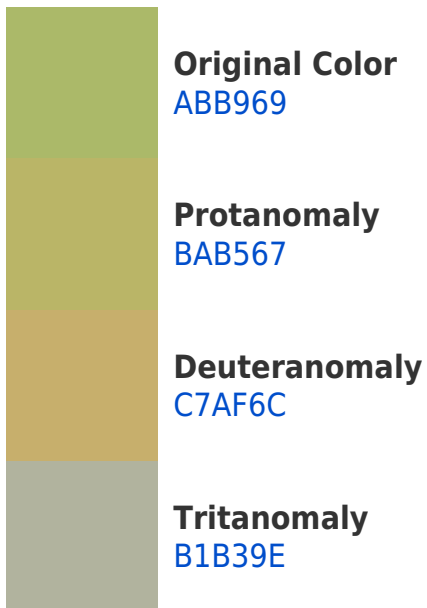
## Dichromacy



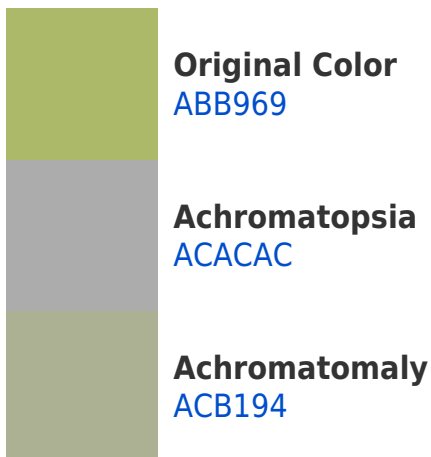


**Tritanopia**  
B5AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABB969 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 #ABB969 looks like.

```
.text, #text, p{  
    color:#ABB969  
}
```

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 #ABB969 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABB969
}
```

## Border

The CSS property to change the border of an element to Hex ABB969 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
#ABB969 }
```

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

```
.border{ border-color:#ABB969 }
```

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

Here you see how a box with a 4 pixel #ABB969 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABB969; -webkit-box-shadow:4px 4px  
4px 4px #ABB969; box-shadow:4px 4px 4px  
4px #ABB969 }
```

# Background

The CSS property to change the background color of an element to Hex ABB969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABB969 }
```

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

```
.background{ background-color:#ABB969 }
```

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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