

# Converting Colors

Hex(AFB547)

Have a look what the booklet for  
Hex(AFB547) contains.

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**Color**

**Hex(AFB547)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFB547
RGB	175, 181, 71
RGB Percent	69%, 71%, 28%
CMY	0.3137, 0.2902, 0.7216
CMYK	0.03, 0.00, 0.61, 0.29
HSL	63°, 44%, 49%
HSV	63°, 61%, 71%
XYZ	35.3404, 42.6166, 12.3244
YIQ	166.6660, 31.7340, -35.4820

# Conversions

## Conversions Part 2

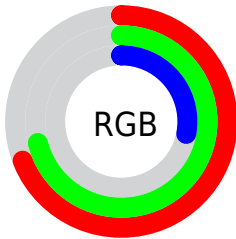
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 181, 77
Decimal	11515207
CIELab	71.29, -16.73, 53.76
CIELCh	71, 56.303, 107.283
Yxy	42.6166, 0.3914, 0.4720
Android (android.graphics.Color)	4289705287 (0xFFAFB547)
YUV	166.6660, -47.1633, 7.3089
Hunter-Lab	65.2814, -17.6107, 34.5037

# Details

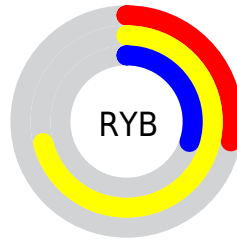
The Hex color **AFB547** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **4D47B5**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **E9ED7C**, and **78800C** is the 20% darker color. If you saturate the color by 10%, you get **AEB535**, and if you desaturate by 10%, it is **B0B559**.

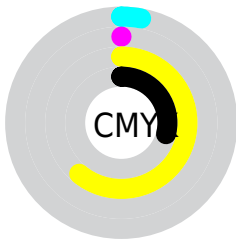
# Distribution



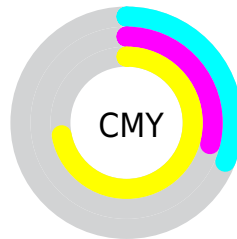
- Red (69%)
- Green (71%)
- Blue (28%)



- Red (28%)
- Yellow (71%)
- Blue (30%)



- Cyan (3%)
- Magenta (0%)
- Yellow (61%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFB547 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 AFB547 by changing the saturation by 10% instead.





AFB547



AFB547

FFFFFF



939A2C



E9ED7C



78800C



FFFF97



5D6700



FFFFB3



444F00



FFFFCF



293900



FFF FEC



102300



000900



000000



AFB547



AFB547

 AEB535

 B0B559

 ADB523

 B1B56B

 ACB511

 B2B57D

 ABB500

 B3B58F

 B4B5A2

 B5B5B4

 B6B5C6

 B7B5D8

 B8B5EA

# Harmonies

## Analogous

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



DEA447



AFB547



74C166

# Triad

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



AFB547



00C4F9



FF85C7

# Complementary

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



AFB547



4D47B5

# 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.



D895F5



AFB547



00BAFF

# Square

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



AFB547



00C8CB



8CAAFF



FF8393

# Rectangle

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



AFB547



39C585



8CAAFF



F789D7



# Sweetspot

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



AFB547



E8EBC0



B54D47



74755B



F5F5F5



757575



# Same Dimension

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



AFB547



E1EB3F



78B547



595950



919900



181A00



# Inverse Universe

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



4D47B5



493FEB



8447B5



515059



080099



01001A



# Previews

## White Background



This preview shows how the Hex color AFB547 looks on a white background.

## Color Contrast Check

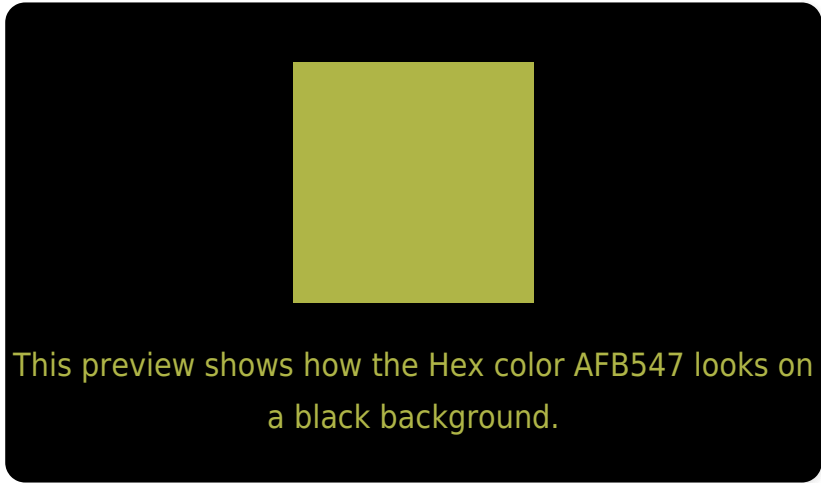
Large Text (above 18pt) WCAG AA × Fail

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 AFB547 Background



This preview shows how black text looks on a background with the Hex color AFB547.



This preview shows how white text looks on a background with the Hex color AFB547.

# 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**  
AFB547

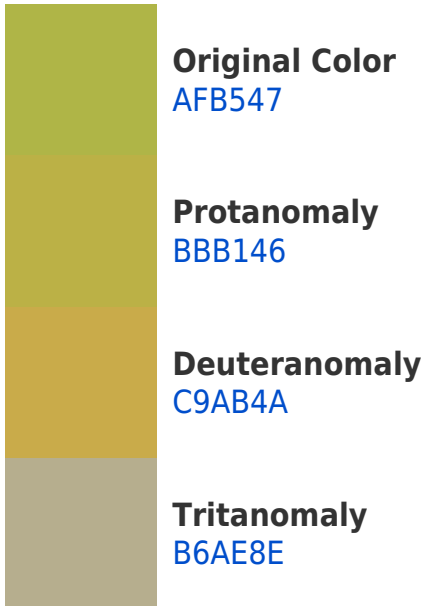
**Protanopia**  
C2AF45

**Deuteranopia**  
D8A64C

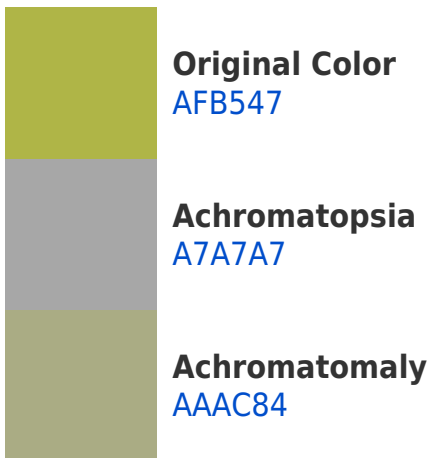


**Tritanopia**  
BAAAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFB547 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 #AFB547 looks like.

```
.text, #text, p{  
    color:#AFB547  
}
```

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 #AFB547 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFB547
}
```

## Border

The CSS property to change the border of an element to Hex AFB547 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
#AFB547 }
```

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

```
.border{ border-color:#AFB547 }
```

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

Here you see how a box with a 4 pixel #AFB547 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFB547; -webkit-box-shadow:4px 4px  
4px 4px #AFB547; box-shadow:4px 4px 4px  
4px #AFB547 }
```

# Background

The CSS property to change the background color of an element to Hex AFB547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFB547 }
```

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

```
.background{ background-color:#AFB547 }
```

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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