

# Converting Colors

Hex(AFD973)

Have a look what the booklet for  
Hex(AFD973) contains.

<b>Hex(AFD973)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(AFD973)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AFD973
RGB	175, 217, 115
RGB Percent	69%, 85%, 45%
CMY	0.3137, 0.1490, 0.5490
CMYK	0.19, 0.00, 0.47, 0.15
HSL	85°, 57%, 65%
HSV	85°, 47%, 85%
XYZ	45.5866, 59.9775, 25.3938
YIQ	192.8140, 7.7100, -40.6260

# Conversions

## Conversions Part 2

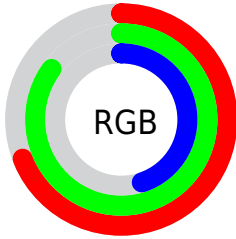
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 217, 157
Decimal	11524467
CIELab	81.83, -30.28, 45.56
CIELCh	82, 54.702, 123.610
Yxy	59.9775, 0.3481, 0.4580
Android (android.graphics.Color)	4289714547 (0xFFAFD973)
YUV	192.8140, -38.3623, -15.6229
Hunter-Lab	77.4451, -30.4584, 34.7707

# Details

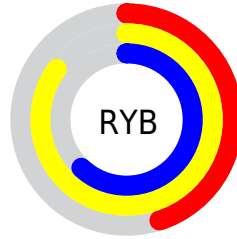
The Hex color **AFD973** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9D73D9**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **E8FFA9**, and **78A240** is the 20% darker color. If you saturate the color by 10%, you get **A6D95D**, and if you desaturate by 10%, it is **B8D989**.

# Distribution



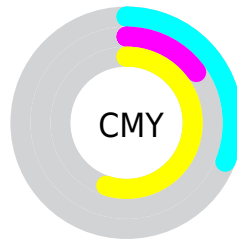
- Red (69%)
- Green (85%)
- Blue (45%)



- Red (45%)
- Yellow (85%)
- Blue (62%)



- Cyan (19%)
- Magenta (0%)
- Yellow (47%)
- Black (15%)



- Cyan (31%)
- Magenta (15%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFD973 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 AFD973 by changing the saturation by 10% instead.



 AFD973

 AFD973

FFFFFF

 93BD59

 E8FFA9

 78A240

 FFFFC5

 5E8826

 FFFFE1

 446E07

FFFFFFE

 2A5500

 0E3E00

 002800

 000C00

 000000

 AFD973

 AFD973

 A6D95D

 B8D989

 9DD948

 C1D99E

 94D932

 CAD9B4

 8BD91C

 D3D9CA

 82D907

 DCD9E0

 80D900

 E5D9F5

 EED9FF

 F6D9FF

 FFD9FF

# Harmonies

## Analogous

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



E5CB62



AFD973



6CE29C

# Triad

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



AFD973



00DDFF



FFA1C7

# Complementary

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



AFD973



9D73D9

# 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.



FFA9FA



AFD973



80CFFF

# Square

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



AFD973



00E4FF



D8BCFF



FFA795

# Rectangle

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



AFD973



15E5BE



D8BCFF



FFA2D9

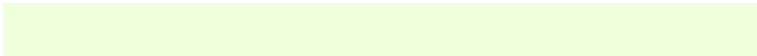


# Sweetspot

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



AFD973



F0FFDB



D99C73



77806A



000000



808080



# Same Dimension

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



AFD973



C4FF70



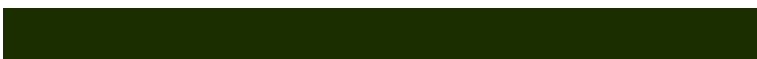
7DD973



696E63



66AD00



1B2E00



# Inverse Universe

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



9D73D9



AB70FF



CF73D9



67636E



4700AD



13002E



# Previews

## White Background



This preview shows how the Hex color AFD973 looks on a white background.

## Color Contrast Check

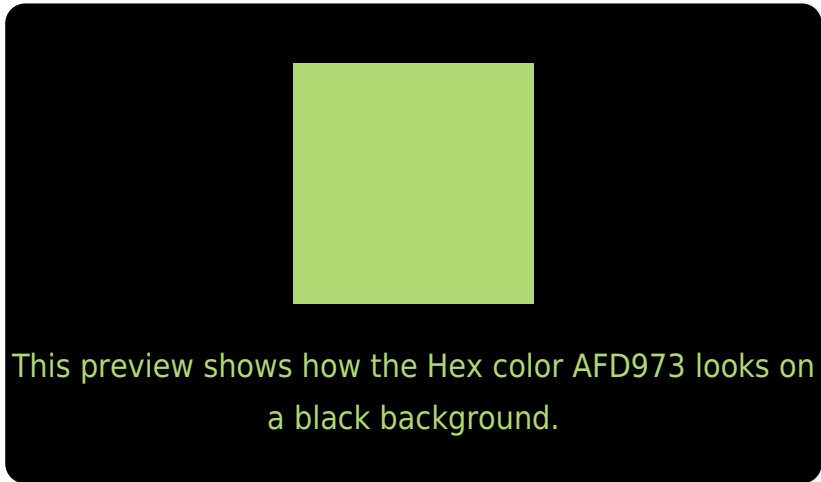
Large Text (above 18pt) WCAG AA × Fail

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 AFD973 Background



This preview shows how black text looks on a background with the Hex color AFD973.

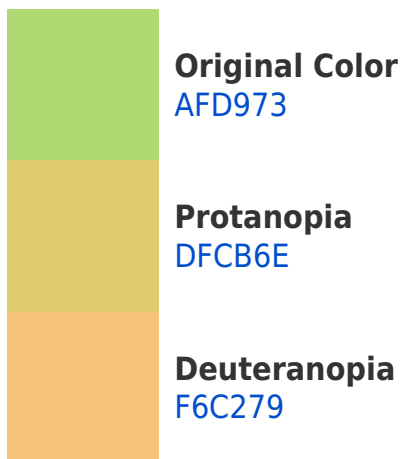


This preview shows how white text looks on a background with the Hex color AFD973.

# Color Blindness Simulation

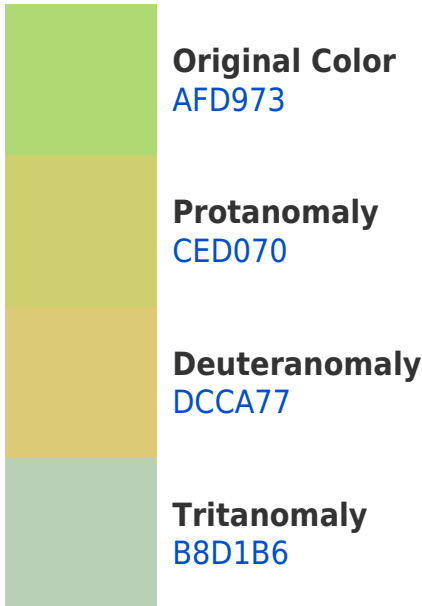
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

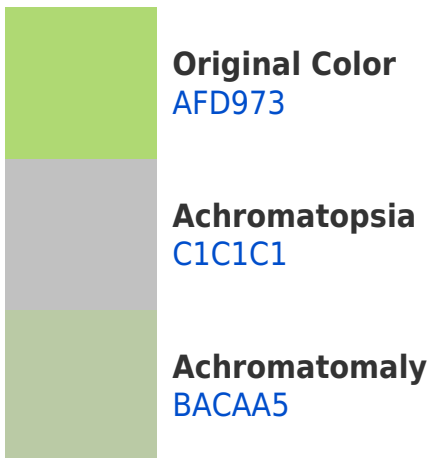




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFD973 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 #AFD973 looks like.

```
.text, #text, p{  
    color:#AFD973  
}
```

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 #AFD973 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFD973
}
```

## Border

The CSS property to change the border of an element to Hex AFD973 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
#AFD973 }
```

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

```
.border{ border-color:#AFD973 }
```

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

Here you see how a box with a 4 pixel #AFD973 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFD973; -webkit-box-shadow:4px 4px  
4px 4px #AFD973; box-shadow:4px 4px 4px  
4px #AFD973 }
```

# Background

The CSS property to change the background color of an element to Hex AFD973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFD973 }
```

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

```
.background{ background-color:#AFD973 }
```

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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