

Converting Colors

Hex(AFD751)

Have a look what the booklet for
Hex(AFD751) contains.

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Color

Hex(AFD751)

Conversions

Conversions Part 1

Format	Color
Hex	AFD751
RGB	175, 215, 81
RGB Percent	69%, 84%, 32%
CMY	0.3137, 0.1569, 0.6824
CMYK	0.19, 0.00, 0.62, 0.16
HSL	78°, 63%, 58%
HSV	78°, 62%, 84%
XYZ	43.4648, 58.3089, 16.7485
YIQ	187.7640, 19.1740, -50.1540

Conversions

Conversions Part 2

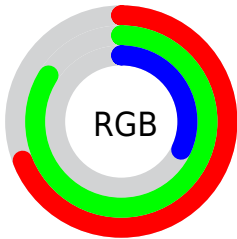
Format	Color
RYB	81, 215, 121
Decimal	11523921
CIELab	80.91, -32.50, 59.93
CIElCh	81, 68.172, 118.474
Yxy	58.3089, 0.3667, 0.4920
Android (android.graphics.Color)	4289714001 (0xFFAFD751)
YUV	187.7640, -52.6347, -11.1940
Hunter-Lab	76.3603, -32.0270, 40.4478

Details

The Hex color **AFD751** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **7951D7**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **E9FF88**, and **77A014** is the 20% darker color. If you saturate the color by 10%, you get **A9D73B**, and if you desaturate by 10%, it is **B5D766**.

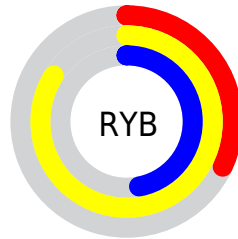
Distribution



Red (69%)

Green (84%)

Blue (32%)



Red (32%)

Yellow (84%)

Blue (47%)

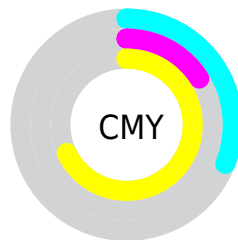


Cyan (19%)

Magenta (0%)

Yellow (62%)

Black (16%)



Cyan (31%)

Magenta (16%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFD751 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 AFD751 by changing the saturation by 10% instead.

 AFD751

 AFD751

FFFFFF

 93BB35

 E9FF88

 77A014

 FFFFA3

 5C8600

 FFFFBF

 416C00

 FFFFDC

 255400

 FFFFFA

 023C00

 002700

 000600

 000000

 AFD751

 AFD751

 A9D73B

 B5D766

 A2D726

 BCD77C

 9CD710

 C2D792

 97D700

 C9D7A7

 CFD7BD

 D6D7D2

 DCD7E8

 E2D7FD

 E9D7FF

Harmonies

Analogous

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



EEC540



AFD751



57E283

Triad

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



AFD751



00E0FF



FF8FCF

Complementary

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



AFD751



7951D7

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.



FF9FFF



AFD751



00D1FF

Square

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



AFD751



00E7FF



C5B9FF



FF9690

Rectangle

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



AFD751



00E7AD



C5B9FF



FF92E4

Sweetspot

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



AFD751



F1FFCF



D77751



778062



000000



808080

Same Dimension

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



AFD751



C6FF40



6ED751



686B60



78AB00



1E2B00

Inverse Universe

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



7951D7



7940FF



BA51D7



64606B



3300AB



0D002B

Previews

White Background



This preview shows how the Hex color AFD751 looks on a white background.

Color Contrast Check

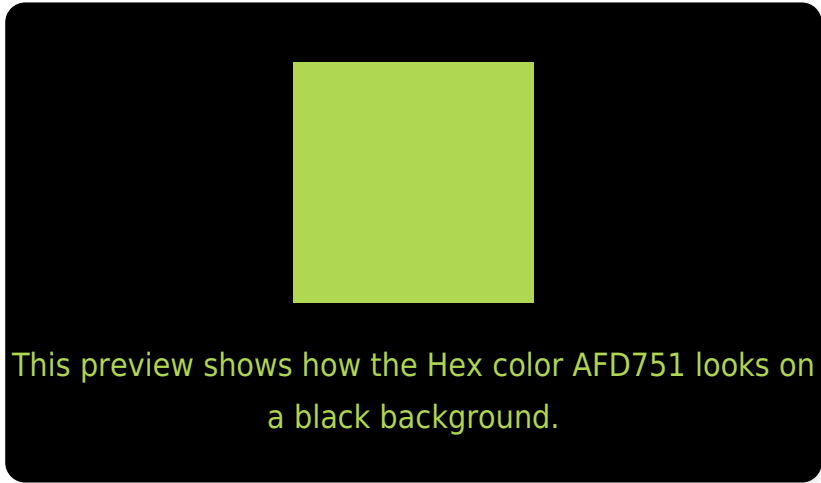
Large Text (above 18pt) WCAG AA × Fail

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 AFD751 Background



This preview shows how black text looks on a background with the Hex color AFD751.

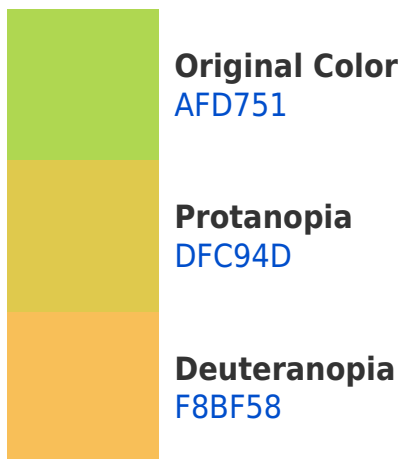


This preview shows how white text looks on a background with the Hex color AFD751.

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](#).

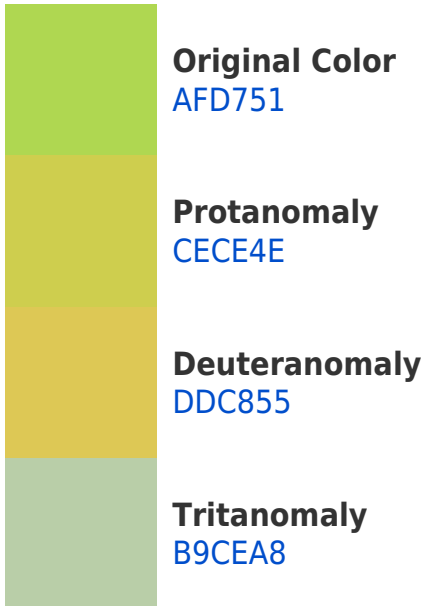
Dichromacy



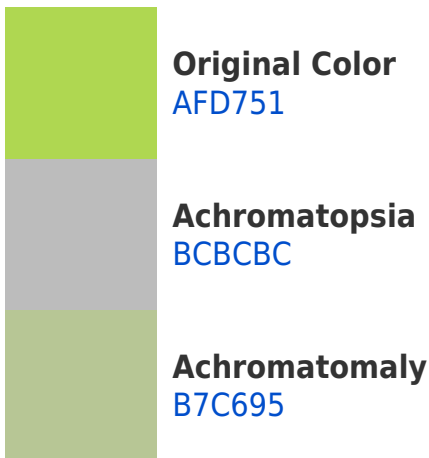


Tritanopia
BFC9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFD751 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 #AFD751 looks like.

```
.text, #text, p{  
    color:#AFD751  
}
```

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 #AFD751 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFD751
}
```

Border

The CSS property to change the border of an element to Hex AFD751 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
#AFD751 }
```

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

```
.border{ border-color:#AFD751 }
```

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

Here you see how a box with a 4 pixel #AFD751 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFD751; -webkit-box-shadow:4px 4px  
4px 4px #AFD751; box-shadow:4px 4px 4px  
4px #AFD751 }
```

Background

The CSS property to change the background color of an element to Hex AFD751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFD751 }
```

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

```
.background{ background-color:#AFD751 }
```

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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