

Converting Colors

Hex(AFD159)

Have a look what the booklet for
Hex(AFD159) contains.

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Color

Hex(AFD159)

Conversions

Conversions Part 1

Format	Color
Hex	AFD159
RGB	175, 209, 89
RGB Percent	69%, 82%, 35%
CMY	0.3137, 0.1804, 0.6510
CMYK	0.16, 0.00, 0.57, 0.18
HSL	77°, 57%, 58%
HSV	77°, 57%, 82%
XYZ	42.2828, 55.4362, 17.9229
YIQ	185.1540, 18.2560, -44.5280

Conversions

Conversions Part 2

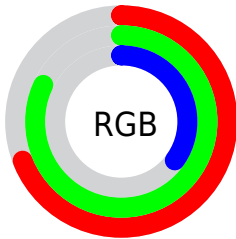
Format	Color
RYB	89, 209, 123
Decimal	11522393
CIELab	79.29, -29.05, 54.69
CIELCh	79, 61.924, 117.977
Yxy	55.4362, 0.3656, 0.4794
Android (android.graphics.Color)	4289712473 (0xFFAFD159)
YUV	185.1540, -47.4039, -8.9051
Hunter-Lab	74.4555, -28.9279, 37.8465

Details

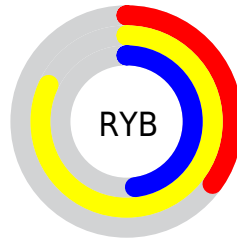
The Hex color **AFD159** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **7B59D1**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **E9FF8F**, and **789A22** is the 20% darker color. If you saturate the color by 10%, you get **A9D144**, and if you desaturate by 10%, it is **B5D16E**.

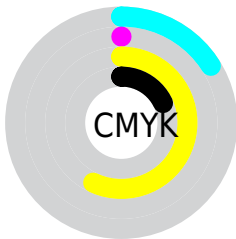
Distribution



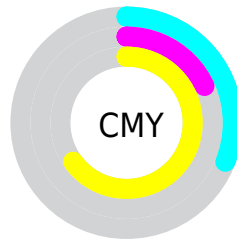
- Red (69%)
- Green (82%)
- Blue (35%)



- Red (35%)
- Yellow (82%)
- Blue (48%)



- Cyan (16%)
- Magenta (0%)
- Yellow (57%)
- Black (18%)



- Cyan (31%)
- Magenta (18%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFD159 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 AFD159 by changing the saturation by 10% instead.

 AFD159

 AFD159

FFFFFF

 93B53E

 E9FF8F

 789A22

 FFFFAA

 5D8000

 FFFFC6

 426700

 FFFFEE3

 284F00

 093800

 002300

 000000

 AFD159

 AFD159

 A9D144

 B5D16E

 A3D12F

 BBD183

 9DD11A

 C1D198

 97D105

 C7D1AD

 96D100

 CDD1C2

 D3D1D6

 D8D1EB

 DED1FF

 E4D1FF

Harmonies

Analogous

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



E8C04B



AFD159



64DC85

Triad

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



AFD159



00DAFF



FF92CB

Complementary

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



AFD159



7B59D1

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.



FFA0FF



AFD159



3ACCF

Square

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



AFD159



00E0F9



C1B7FF



FF9792

Rectangle

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



AFD159



00E0AA



C1B7FF



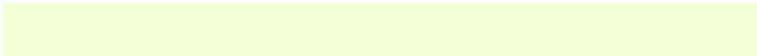
FF95DE

Sweetspot

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



AFD159



F3FFD4



D17B59



788066



000000



808080

Same Dimension

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



AFD159



CDFF4F



73D159



66695E



79A800



1D2900

Inverse Universe

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



7B59D1



814FFF



B759D1



615E69



3000A8



0C0029

Previews

White Background



This preview shows how the Hex color AFD159 looks on a white background.

Color Contrast Check

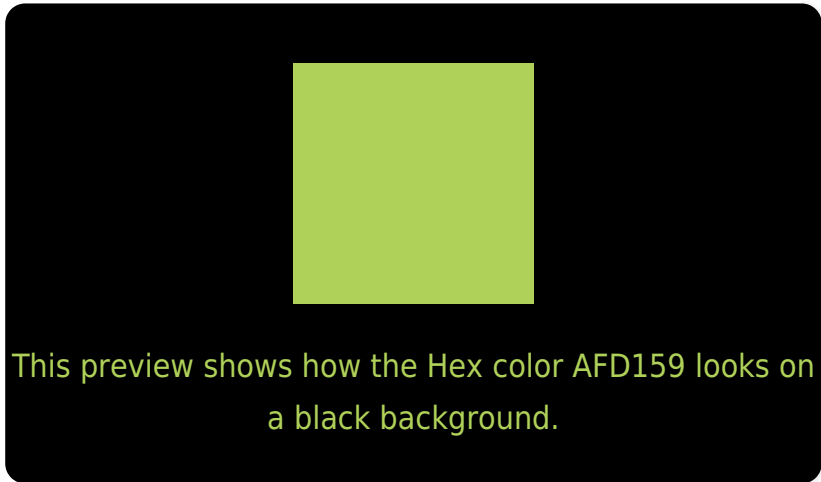
Large Text (above 18pt) WCAG AA × Fail

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 AFD159 Background



This preview shows how black text looks on a background with the Hex color AFD159.

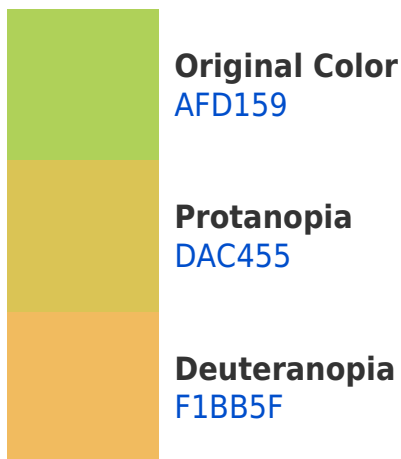


This preview shows how white text looks on a background with the Hex color AFD159.

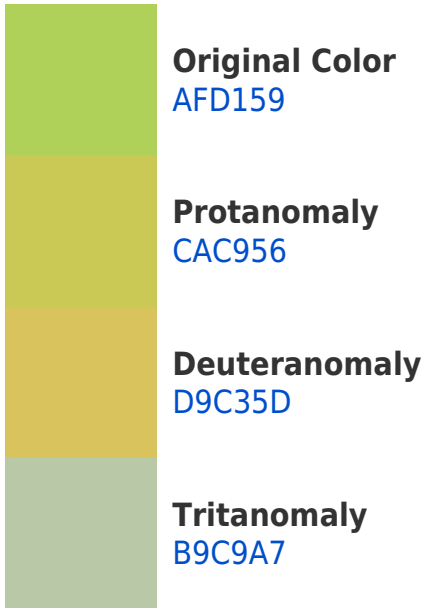
Color Blindness Simulation

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 AFD159 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 #AFD159 looks like.

```
.text, #text, p{  
    color:#AFD159  
}
```

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 #AFD159 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFD159
}
```

Border

The CSS property to change the border of an element to Hex AFD159 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
#AFD159 }
```

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

```
.border{ border-color:#AFD159 }
```

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

Here you see how a box with a 4 pixel #AFD159 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFD159; -webkit-box-shadow:4px 4px  
4px 4px #AFD159; box-shadow:4px 4px 4px  
4px #AFD159 }
```

Background

The CSS property to change the background color of an element to Hex AFD159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFD159 }
```

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

```
.background{ background-color:#AFD159 }
```

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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