

# Converting Colors

Hex(AFD639)

Have a look what the booklet for  
Hex(AFD639) contains.

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**Color**

**Hex(AFD639)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFD639
RGB	175, 214, 57
RGB Percent	69%, 84%, 22%
CMY	0.3137, 0.1608, 0.7765
CMYK	0.18, 0.00, 0.73, 0.16
HSL	75°, 66%, 53%
HSV	75°, 73%, 84%
XYZ	42.4643, 57.5025, 12.7319
YIQ	184.4410, 27.1530, -57.0950

# Conversions

## Conversions Part 2

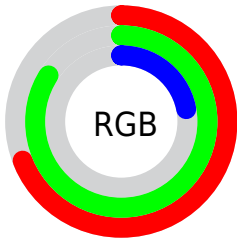
Format	Color
<a href="#">RYB</a>	<a href="#">57, 214, 96</a>
Decimal	<a href="#">11523641</a>
CIELab	<a href="#">80.46, -33.55, 68.51</a>
CIELCh	<a href="#">80, 76.284, 116.088</a>
Yxy	<a href="#">57.5025, 0.3768, 0.5102</a>
Android (android.graphics.Color)	<a href="#">4289713721 (0xFFAFD639)</a>
YUV	<a href="#">184.4410, -62.8284, -8.2798</a>
Hunter-Lab	<a href="#">75.8304, -32.7450, 43.1265</a>

# Details

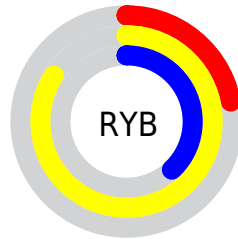
The Hex color **AFD639** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **6039D6**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **EAFF73**, and **769F00** is the 20% darker color. If you saturate the color by 10%, you get **AAD624**, and if you desaturate by 10%, it is **B4D64E**.

# Distribution



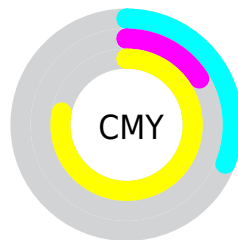
- Red (69%)
- Green (84%)
- Blue (22%)



- Red (22%)
- Yellow (84%)
- Blue (38%)



- Cyan (18%)
- Magenta (0%)
- Yellow (73%)
- Black (16%)



- Cyan (31%)
- Magenta (16%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFD639 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 AFD639 by changing the saturation by 10% instead.



 AFD639

 AFD639

FFFFFF

 92BA15

 EAFF73

 769F00

 FFFF8F

 5A8500

 FFFFAB

 3F6B00

 FFFF8C

 215300

 FFFF85

 003B00

 002600

 000300

 000000

 AFD639

 AFD639

 AAD624

 B4D64E

 A4D60E

 BAD664

 A1D600

 BFD679

 C4D68F

 CAD6A4

 CFD6B9

 D4D6CF

 DAD6E4

 DFD6FA

# Harmonies

## Analogous

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



F4C127



AFD639



49E374

# Triad

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



AFD639



00E2FF



FF84D4

# Complementary

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



AFD639



6039D6

# 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.



FF99FF



AFD639



00D3FF

# Square

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



AFD639



00E9FF



B7B9FF



FF8A8D

# Rectangle

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



AFD639



00E7A3



B7B9FF



FF89EC

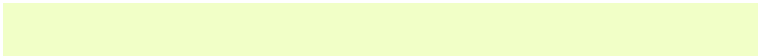


# Sweetspot

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



AFD639



F1FFC7



D65E39



77805E



000000



808080



# Same Dimension

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



AFD639



C7FF1F



63D639



686B60



80AB00



212B00



# Inverse Universe

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



6039D6



561FFF



AC39D6



63606B



2A00AB



0B002B



# Previews

## White Background



This preview shows how the Hex color AFD639 looks on a white background.

## Color Contrast Check

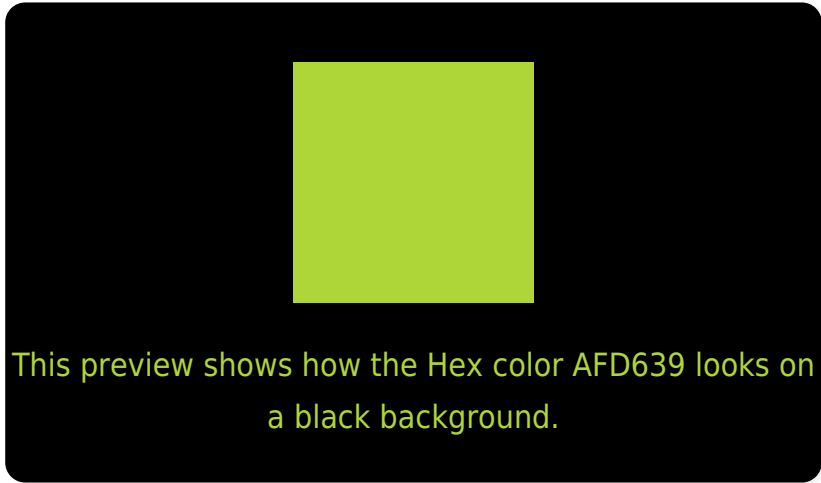
Large Text (above 18pt) WCAG AA × Fail

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 AFD639 Background



This preview shows how black text looks on a background with the Hex color AFD639.

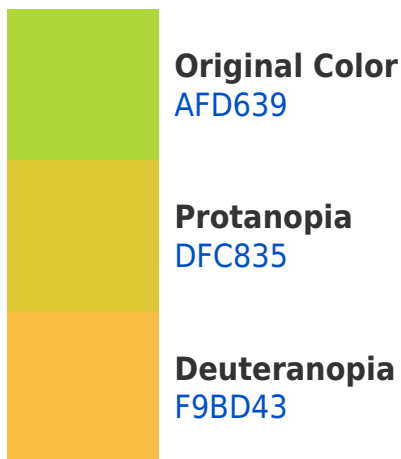


This preview shows how white text looks on a background with the Hex color AFD639.

# 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](#).

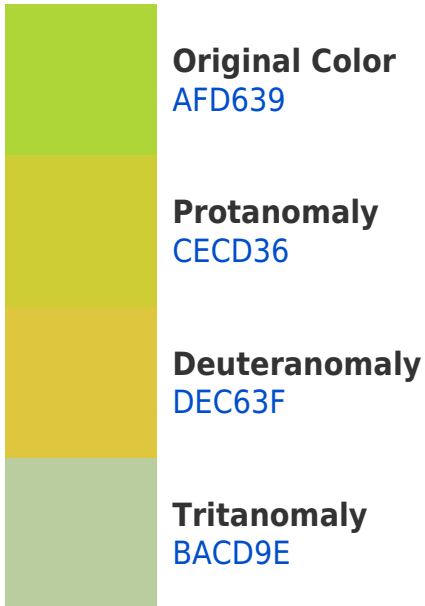
## Dichromacy



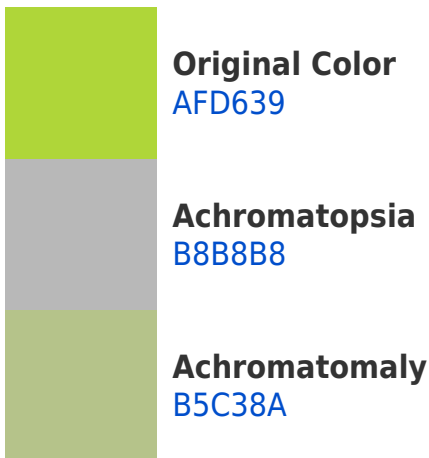


**Tritanopia**  
C0C8D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFD639 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 #AFD639 looks like.

```
.text, #text, p{  
    color:#AFD639  
}
```

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 #AFD639 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFD639
}
```

## Border

The CSS property to change the border of an element to Hex AFD639 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
#AFD639 }
```

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

```
.border{ border-color:#AFD639 }
```

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

Here you see how a box with a 4 pixel #AFD639 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFD639; -webkit-box-shadow:4px 4px  
4px 4px #AFD639; box-shadow:4px 4px 4px  
4px #AFD639 }
```

# Background

The CSS property to change the background color of an element to Hex AFD639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFD639 }
```

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

```
.background{ background-color:#AFD639 }
```

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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