

Converting Colors

Hex(AFD621)

Have a look what the booklet for
Hex(AFD621) contains.

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Color

Hex(AFD621)

Conversions

Conversions Part 1

Format	Color
Hex	AFD621
RGB	175, 214, 33
RGB Percent	69%, 84%, 13%
CMY	0.3137, 0.1608, 0.8706
CMYK	0.18, 0.00, 0.85, 0.16
HSL	73°, 73%, 48%
HSV	73°, 85%, 84%
XYZ	42.0003, 57.3169, 10.2885
YIQ	181.7050, 34.8570, -64.5590

Conversions

Conversions Part 2

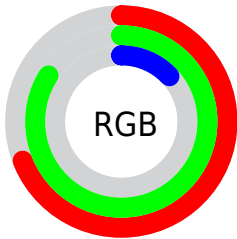
Format	Color
RYB	33, 214, 72
Decimal	11523617
CIELab	80.36, -34.50, 75.04
CIELCh	80, 82.588, 114.688
Yxy	57.3169, 0.3832, 0.5229
Android (android.graphics.Color)	4289713697 (0xFFAFD621)
YUV	181.7050, -73.3116, -5.8803
Hunter-Lab	75.7079, -33.4629, 44.9382

Details

The Hex color **AFD621** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **4821D6**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **EAFF62**, and **759F00** is the 20% darker color. If you saturate the color by 10%, you get **AAD60C**, and if you desaturate by 10%, it is **B4D636**.

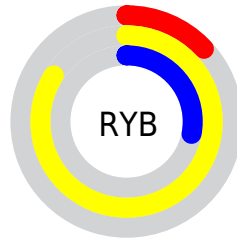
Distribution



Red (69%)

Green (84%)

Blue (13%)



Red (13%)

Yellow (84%)

Blue (28%)

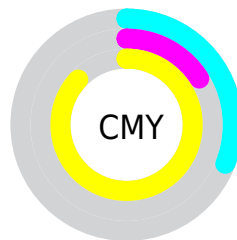


Cyan (18%)

Magenta (0%)

Yellow (85%)

Black (16%)



Cyan (31%)

Magenta (16%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFD621 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 AFD621 by changing the saturation by 10% instead.

 AFD621

 AFD621

FFFFFF

 92BA00

 EAFF62

 759F00

 FFFF7F

 598500

 FFFF9C

 3D6B00

 FFFFB8

 1E5300

 FFFFD6

 003B00

 FFFFF3

 002600

 000200

 000000

 AFD621

 AFD621

 AAD60C

 B4D636

 A8D600

 B8D64C

 BDD661

 C1D677

 C6D68C

 CBD6A1

 CFD6B7

 D4D6CC

 D8D6E2

Harmonies

Analogous

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



F9BF00



AFD621



3BE468

Triad

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



AFD621



00E5FF



FF7BD8

Complementary

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



AFD621



4821D6

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.



FF95FF



AFD621



00D5FF

Square

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



AFD621



00EBFF



ABB9FF



FF818C

Rectangle

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



AFD621



00E99C



ABB9FF



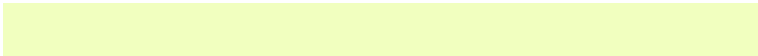
FF81F2

Sweetspot

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



AFD621



F1FFBF



D64521



778059



000000



808080

Same Dimension

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



AFD621



C8FF00



57D621



696B60



86AB00



222B00

Inverse Universe

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



4821D6



3700FF



A021D6



63606B



2500AB



09002B

Previews

White Background



This preview shows how the Hex color AFD621 looks on a white background.

Color Contrast Check

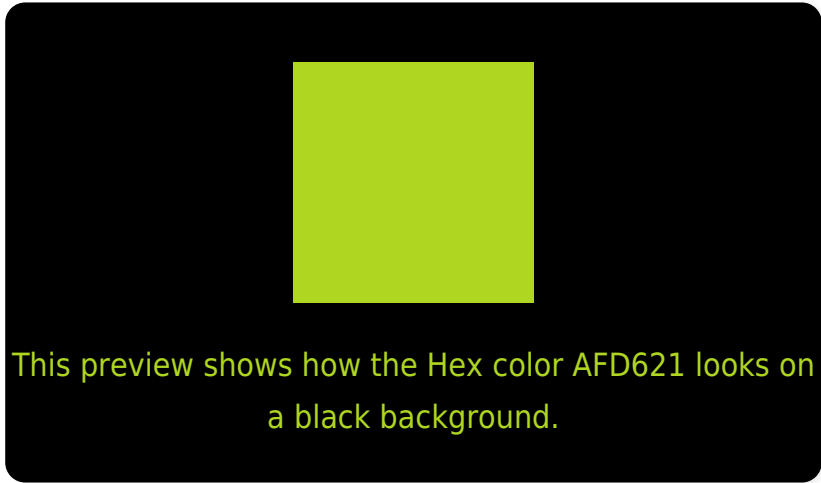
Large Text (above 18pt) WCAG AA × Fail

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 AFD621 Background



This preview shows how black text looks on a background with the Hex color AFD621.

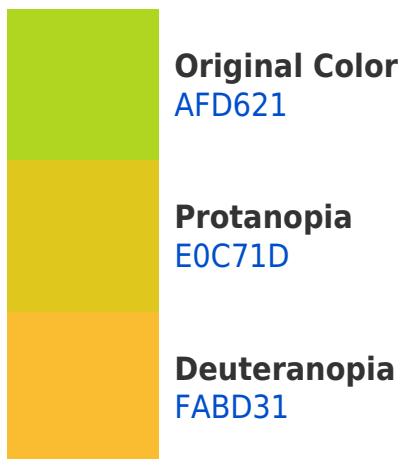


This preview shows how white text looks on a background with the Hex color AFD621.

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](#).

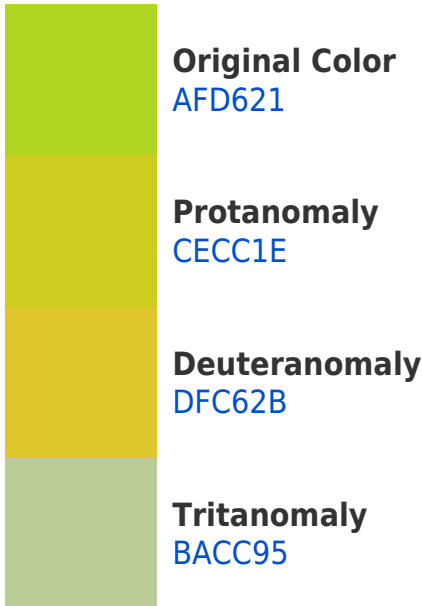
Dichromacy





Tritanopia
C0C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFD621 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 #AFD621 looks like.

```
.text, #text, p{  
    color:#AFD621  
}
```

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 #AFD621 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFD621
}
```

Border

The CSS property to change the border of an element to Hex AFD621 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
#AFD621 }
```

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

```
.border{ border-color:#AFD621 }
```

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

Here you see how a box with a 4 pixel #AFD621 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFD621; -webkit-box-shadow:4px 4px  
4px 4px #AFD621; box-shadow:4px 4px 4px  
4px #AFD621 }
```

Background

The CSS property to change the background color of an element to Hex AFD621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFD621 }
```

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

```
.background{ background-color:#AFD621 }
```

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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