

Converting Colors

Hex(AFDF2A)

Have a look what the booklet for
Hex(AFDF2A) contains.

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Color

Hex(AFDF2A)

Conversions

Conversions Part 1

Format	Color
Hex	AFDF2A
RGB	175, 223, 42
RGB Percent	69%, 87%, 16%
CMY	0.3137, 0.1255, 0.8353
CMYK	0.22, 0.00, 0.81, 0.13
HSL	76°, 74%, 52%
HSV	76°, 81%, 87%
XYZ	44.4848, 62.0565, 11.8240
YIQ	188.0140, 29.4930, -66.4670

Conversions

Conversions Part 2

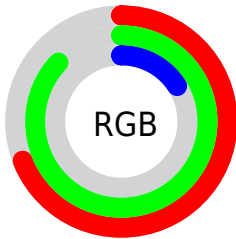
Format	Color
RYB	42, 223, 90
Decimal	11525930
CIELab	82.94, -38.28, 75.17
CIElCh	83, 84.357, 116.983
Yxy	62.0565, 0.3758, 0.5243
Android (android.graphics.Color)	4289716010 (0xFFAFDF2A)
YUV	188.0140, -71.9849, -11.4133
Hunter-Lab	78.7759, -37.0589, 46.2439

Details

The Hex color **AFDF2A** 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 **5A2ADF**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **EAFF69**, and **75A800** is the 20% darker color. If you saturate the color by 10%, you get **A9DF14**, and if you desaturate by 10%, it is **B5DF40**.

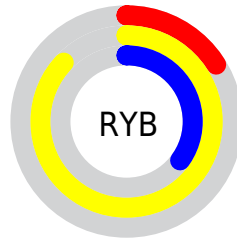
Distribution



Red (69%)

Green (87%)

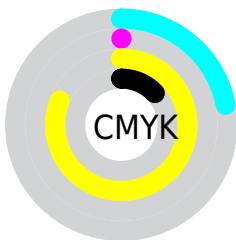
Blue (16%)



Red (16%)

Yellow (87%)

Blue (35%)

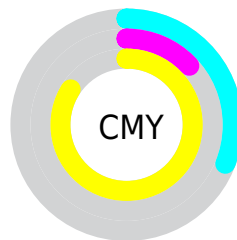


Cyan (22%)

Magenta (0%)

Yellow (81%)

Black (13%)



Cyan (31%)

Magenta (13%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFDF2A 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 AFDF2A by changing the saturation by 10% instead.

 AFDF2A

 AFDF2A

FFFFFF

 92C300

 EAFF69

 75A800

 FFFF86

 598D00

 FFFFA2

 3D7300

 FFFFBF

 1C5A00

 FFFFDD

 004200

 FFFFFB

 002C00

 001200

 000000

 AFDF2A

 AFDF2A

 A9DF14

 B5DF40

 A4DF00

 BBDF57

 C1DF6D

 C7DF83

 CDDF9A

 D2DFB0

 D8DFC6

 DEDFDC

 E4DFF3

Harmonies

Analogous

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



FCC800



AFDF2A



2BED73

Triad

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



AADF2A



00ECFF



FF7FDA

Complementary

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



AFDF2A



5A2ADF

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.



FF98FF



A9DF2A



00DAFF

Square

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



AFDF2A



00F3FF



BEBDFE



FF888B

Rectangle

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



AFDF2A



00F1A8



BEBDFE



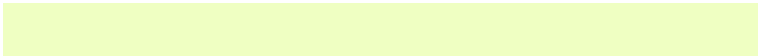
FF85F5

Sweetspot

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



AADF2A



EFFFC2



DF572A



76805B



000000



808080

Same Dimension

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



Afdf2A



Bdff08



57df2A



6D7065



81B000



243000

Inverse Universe

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



5A2ADF



4908FF



B22ADF



686570



2F00B0



0D0030

Previews

White Background



This preview shows how the Hex color AFDF2A looks on a white background.

Color Contrast Check

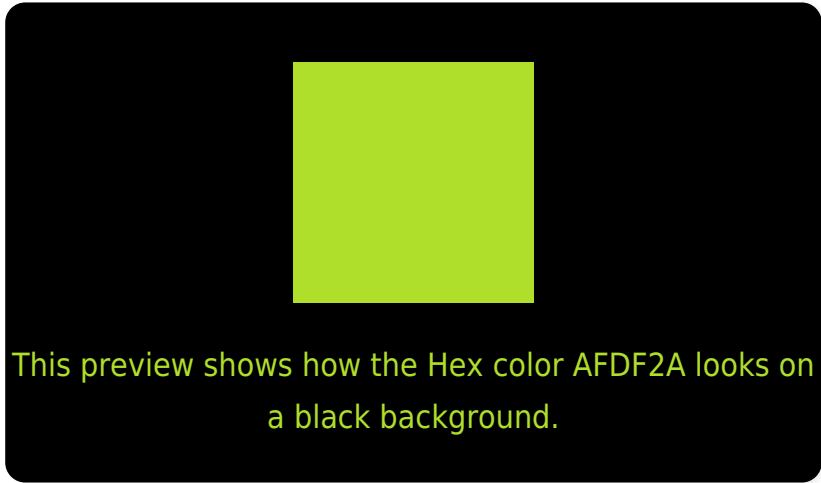
Large Text (above 18pt) WCAG AA × Fail

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 AFDF2A Background



This preview shows how black text looks on a background with the Hex color AFDF2A.

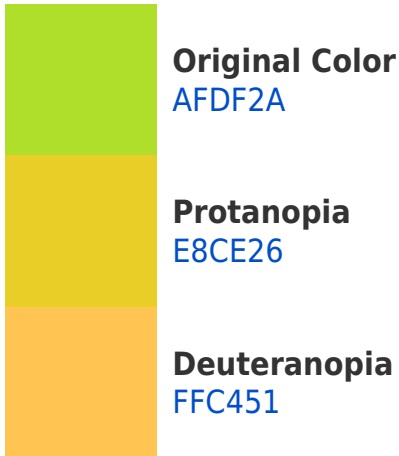


This preview shows how white text looks on a background with the Hex color AFDF2A.

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
C2D0E0

Trichromacy



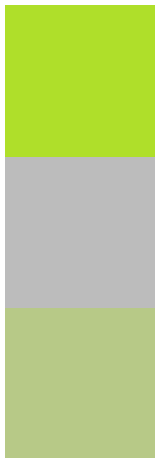
Original Color
AFDF2A

Protanomaly
D3D427

Deuteranomaly
E2CE43

Tritanomaly
BBD59E

Monochromacy



Original Color
AFDF2A

Achromatopsia
BCBCBC

Achromatomaly
B7C987

CSS Examples

Text

The CSS property to change the color of the text to Hex AFDF2A 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 #AFDF2A looks like.

```
.text, #text, p{  
    color:#AFDF2A  
}
```

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 #AFDF2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFDF2A
}
```

Border

The CSS property to change the border of an element to Hex AFDF2A 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
#AFDF2A }
```

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

```
.border{ border-color:#AFDF2A }
```

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

Here you see how a box with a 4 pixel #AFDF2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFDF2A; -webkit-box-shadow:4px 4px  
4px 4px #AFDF2A; box-shadow:4px 4px 4px  
4px #AFDF2A }
```

Background

The CSS property to change the background color of an element to Hex AFDF2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFDF2A }
```

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

```
.background{ background-color:#AFDF2A }
```

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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