

Converting Colors

Hex(AFDF30)

Have a look what the booklet for
Hex(AFDF30) contains.

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Color

Hex(AFDF30)

Conversions

Conversions Part 1

Format	Color
Hex	AFDF30
RGB	175, 223, 48
RGB Percent	69%, 87%, 19%
CMY	0.3137, 0.1255, 0.8118
CMYK	0.22, 0.00, 0.78, 0.13
HSL	76°, 73%, 53%
HSV	76°, 78%, 87%
XYZ	44.6004, 62.1027, 12.4326
YIQ	188.6980, 27.5670, -64.6010

Conversions

Conversions Part 2

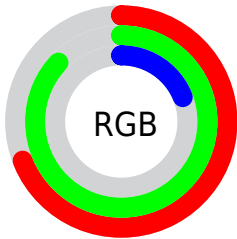
Format	Color
RYB	48, 223, 96
Decimal	11525936
CIELab	82.97, -38.05, 73.61
CIELCh	83, 82.857, 117.333
Yxy	62.1027, 0.3744, 0.5213
Android (android.graphics.Color)	4289716016 (0xFFAFDF30)
YUV	188.6980, -69.3641, -12.0131
Hunter-Lab	78.8053, -36.8860, 45.8099

Details

The Hex color **AFDF30** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle muted chartreuse. A complement of this color would be **6030DF**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **EAFF6D**, and **75A800** is the 20% darker color. If you saturate the color by 10%, you get **A9DF1A**, and if you desaturate by 10%, it is **B5DF46**.

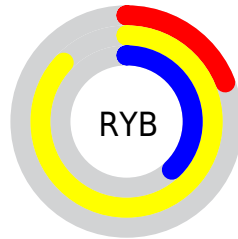
Distribution



Red (69%)

Green (87%)

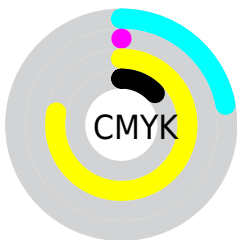
Blue (19%)



Red (19%)

Yellow (87%)

Blue (38%)

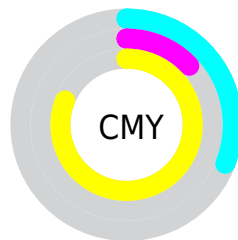


Cyan (22%)

Magenta (0%)

Yellow (78%)

Black (13%)



Cyan (31%)

Magenta (13%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFDF30 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 AFDF30 by changing the saturation by 10% instead.

 AFDF30

 AFDF30

FFFFFF

 92C300

 EAFF6D

 75A800

 FFFF89

 598D00

 FFFFA6

 3D7300

 FFFF83

 1D5A00

 FFFF80

 004200

FFFFFFE

 002C00

 001200

 000000

 AFDF30

 AFDF30

 A9DF1A

 B5DF46

 A3DF03

 BBDF5D

 A2DF00

 C1DF73

 C7DF89

 CEDFA0

 D4DFB6

 DADFCC

 E0DFE2

 E6DFF9

Harmonies

Analogous

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



FBC90F



AFDF30



30EC76

Triad

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



A F D F 3 0



0 0 E B F F



F F 8 1 D 9

Complementary

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



AFDF30



6030DF

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



AADF30



00DAFF

Square

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



AFDF30



00F3FF



C0BDFF



FF8A8C

Rectangle

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



AFDF30



00F1AA



C0BDFF



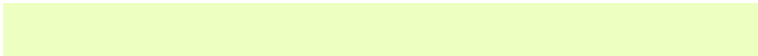
FF87F3

Sweetspot

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



AADF30



EEFFC2



DF5F30



75805B



000000



808080

Same Dimension

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



ADFD30



BDFF0F



59DF30



6D7065



80B000



233000

Inverse Universe

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



6030DF



510FFF



B630DF



686570



3000B0



0D0030

Previews

White Background



This preview shows how the Hex color AFDF30 looks on a white background.

Color Contrast Check

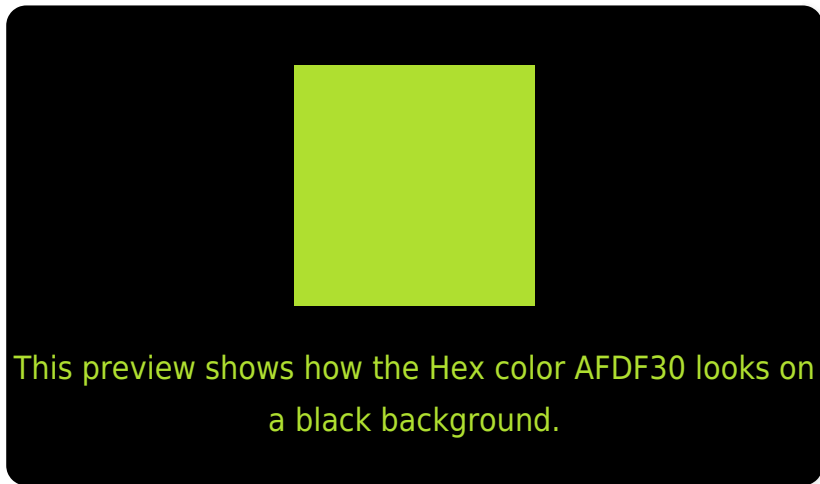
Large Text (above 18pt) WCAG AA × Fail

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 AFDF30 Background



This preview shows how black text looks on a background with the Hex color AFDF30.

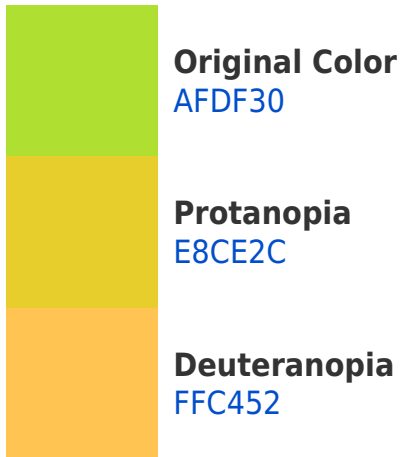


This preview shows how white text looks on a background with the Hex color AFDF30.

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](#).

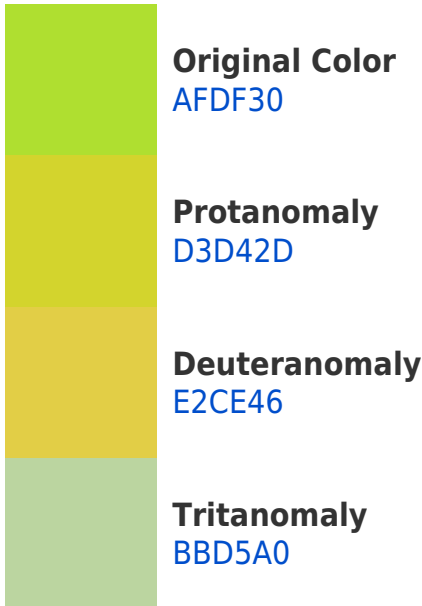
Dichromacy



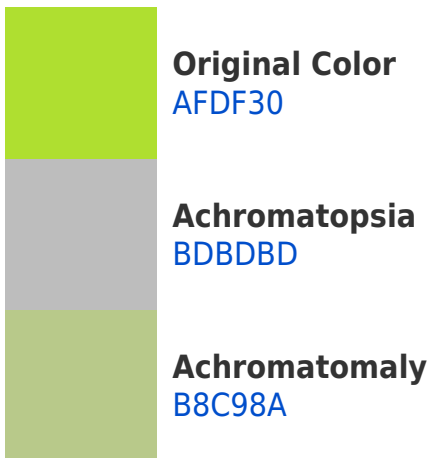


Tritanopia
C2D0E0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFDF30 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 #AFDF30 looks like.

```
.text, #text, p{  
    color:#AFDF30  
}
```

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 #AFDF30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFDF30  
}
```

Border

The CSS property to change the border of an element to Hex AFDF30 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  
#AFDF30 }
```

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

```
.border{ border-color:#AFDF30 }
```

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

Here you see how a box with a 4 pixel #AFDF30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFDF30; -webkit-box-shadow:4px 4px  
4px 4px #AFDF30; box-shadow:4px 4px 4px  
4px #AFDF30 }
```

Background

The CSS property to change the background color of an element to Hex AFDF30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFDF30 }
```

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

```
.background{ background-color:#AFDF30 }
```

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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