

Converting Colors

Hex(AFF243)

Have a look what the booklet for
Hex(AFF243) contains.

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Color

Hex(AFF243)

Conversions

Conversions Part 1

Format	Color
Hex	AFF243
RGB	175, 242, 67
RGB Percent	69%, 95%, 26%
CMY	0.3137, 0.0510, 0.7373
CMYK	0.28, 0.00, 0.72, 0.05
HSL	83°, 87%, 61%
HSV	83°, 72%, 95%
XYZ	50.4444, 73.0235, 16.7464
YIQ	202.0170, 16.2430, -68.6290

Conversions

Conversions Part 2

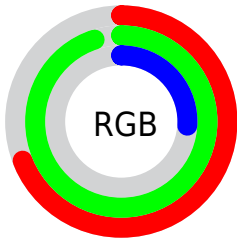
Format	Color
RYB	67, 242, 134
Decimal	11530819
CIELab	88.46, -45.43, 72.95
CIELCh	88, 85.938, 121.917
Yxy	73.0235, 0.3598, 0.5208
Android (android.graphics.Color)	4289720899 (0xFFAFF243)
YUV	202.0170, -66.5634, -23.6939
Hunter-Lab	85.4538, -44.1733, 48.1985

Details

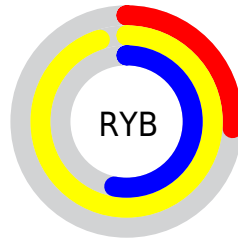
The Hex color **AFF243** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed chartreuse. A complement of this color would be **8643F2**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **EAFF7E**, and **75B900** is the 20% darker color. If you saturate the color by 10%, you get **A6F22B**, and if you desaturate by 10%, it is **B8F25B**.

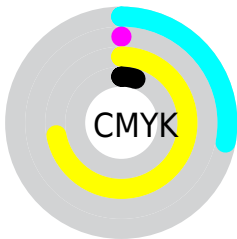
Distribution



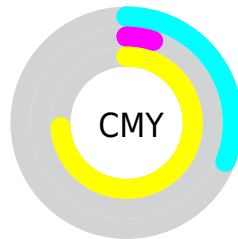
- Red (69%)
- Green (95%)
- Blue (26%)



- Red (26%)
- Yellow (95%)
- Blue (53%)



- Cyan (28%)
- Magenta (0%)
- Yellow (72%)
- Black (5%)



- Cyan (31%)
- Magenta (5%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFF243 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 AFF243 by changing the saturation by 10% instead.

 AFF243

 AFF243

FFFFFF

 92D520

 Eaff7e

 75B900

 FFFF9A

 589E00

 FFFFB7

 3A8400

 FFFFFD4

 166A00

 FFFFF2

 005100

 003900

 002400

 000000

 AFF243

 AFF243

 A6F22B

 B8F25B

 9CF213

 C2F273

 95F200

 CBF28C

 D4F2A4

 DDF2BC

 E7F2D4

 F0F2EC

 F9F2FF

 FFF2FF

Harmonies

Analogous

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



FFDC18



AFF243



00FF8D

Triad

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



AFF243



00FAFF



FF8DDC

Complementary

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



AFF243



8643F2

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.



FFA1FF



AFF243



00E6FF

Square

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



AFF243



00FFFF



E4C6FF



FF9B8C

Rectangle

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



AFF243



00FFC4



E4C6FF



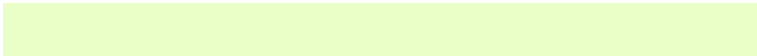
FF90F8

Sweetspot

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



AFF243



EAFFC7



F28343



73805E



000000



808080

Same Dimension

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



AFF243



AAFF21



5AF243



73786C



71B800



233800

Inverse Universe

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



8643F2



7621FF



DB43F2



706C78



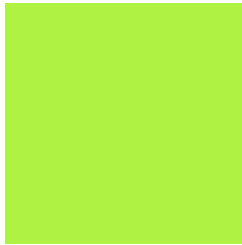
4600B8



150038

Previews

White Background



This preview shows how the Hex color AFF243 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 AFF243 Background



This preview shows how black text looks on a background with the Hex color AFF243.

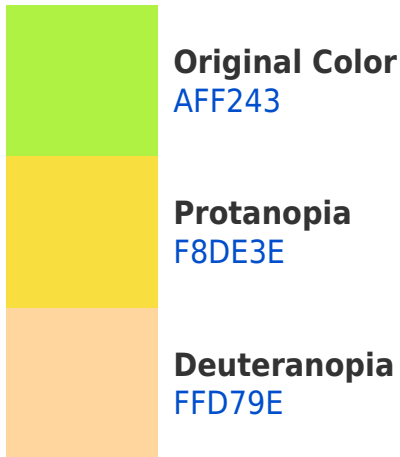


This preview shows how white text looks on a background with the Hex color AFF243.

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
C4E2F4

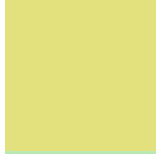
Trichromacy



Original Color
AFF243



Protanomaly
DDE540



Deuteranomaly
E2E17D

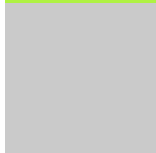


Tritanomaly
BCE8B4

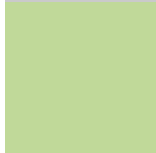
Monochromacy



Original Color
AFF243



Achromatopsia
CACACA



Achromatomaly
C0D999

CSS Examples

Text

The CSS property to change the color of the text to Hex AFF243 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 #AFF243 looks like.

```
.text, #text, p{  
    color:#AFF243  
}
```

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 #AFF243 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFF243
}
```

Border

The CSS property to change the border of an element to Hex AFF243 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
#AFF243 }
```

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

```
.border{ border-color:#AFF243 }
```

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

Here you see how a box with a 4 pixel #AFF243 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFF243; -webkit-box-shadow:4px 4px  
4px 4px #AFF243; box-shadow:4px 4px 4px  
4px #AFF243 }
```

Background

The CSS property to change the background color of an element to Hex AFF243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFF243 }
```

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

```
.background{ background-color:#AFF243 }
```

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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