

Converting Colors

Hex(AFF783)

Have a look what the booklet for
Hex(AFF783) contains.

Hex(AFF783)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AFF783)

Conversions

Conversions Part 1

Format	Color
Hex	AFF783
RGB	175, 247, 131
RGB Percent	69%, 97%, 51%
CMY	0.3137, 0.0314, 0.4863
CMYK	0.29, 0.00, 0.47, 0.03
HSL	97°, 88%, 74%
HSV	97°, 47%, 97%
XYZ	55.0367, 77.2742, 33.4874
YIQ	212.2480, -5.6760, -51.3400

Conversions

Conversions Part 2

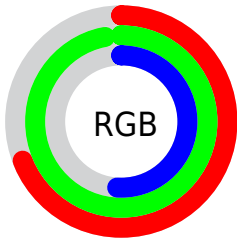
Format	Color
RYB	131, 247, 203
Decimal	11532163
CIELab	90.45, -42.08, 48.53
CIElCh	90, 64.231, 130.927
Yxy	77.2742, 0.3319, 0.4661
Android (android.graphics.Color)	4289722243 (0xFFAFF783)
YUV	212.2480, -40.0553, -32.6665
Hunter-Lab	87.9057, -42.0784, 38.9477

Details

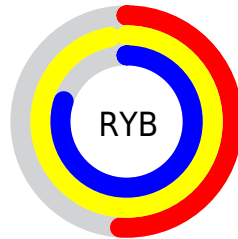
The Hex color **AFF783** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **CB83F7**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **E9FFBA**, and **77BE4E** is the 20% darker color. If you saturate the color by 10%, you get **A0F76A**, and if you desaturate by 10%, it is **BEF79C**.

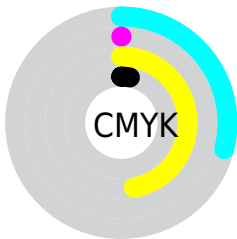
Distribution



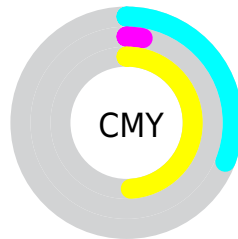
- Red (69%)
- Green (97%)
- Blue (51%)



- Red (51%)
- Yellow (97%)
- Blue (80%)



- Cyan (29%)
- Magenta (0%)
- Yellow (47%)
- Black (3%)



- Cyan (31%)
- Magenta (3%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFF783 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 AFF783 by changing the saturation by 10% instead.

 AFF783

 AFF783

FFFFFF

 93DA68

 E9FFBA

 77BE4E

 FFFFD6

 5CA334

 FFFFF3

 408818

 226E00

 005500

 003D00

 002800

 000300

 AFF783

 AFF783

 A0F76A

 BEF79C

 90F752

 CEF7B4

 81F739

 DDF7CD

 72F720

 ECF7E6

 62F708

 FCF7FF

 5EF700

 FFF7FF

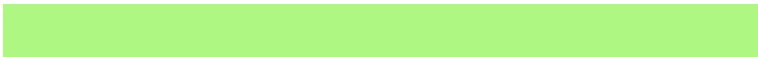
Harmonies

Analogous

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



F2E766



AFF783



4EFFB9

Triad

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



AFF783



00F5FF



FFAFCF

Complementary

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



AFF783



CB83F7

Split Complementary

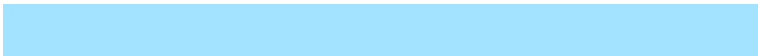
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB5FF



AFF783



A4E3FF

Square

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



AFF783



00FFFF



FFCBFF



FFBC96

Rectangle

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



AFF783



00FFE4



FFCBFF



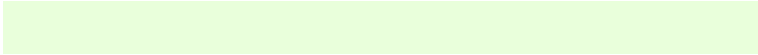
FFAFE4

Sweetspot

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



AFF783



E9FFDB



F7CB83



72806A



000000



808080

Same Dimension

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



AFF783



A6FF70



83F791



737A6E



47BA00



163B00

Inverse Universe

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



CB83F7



C970FF



F783E9



766E7A



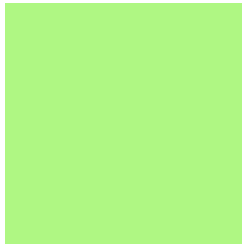
7400BA



24003B

Previews

White Background



This preview shows how the Hex color #AFF783 looks on a white background.

Color Contrast Check

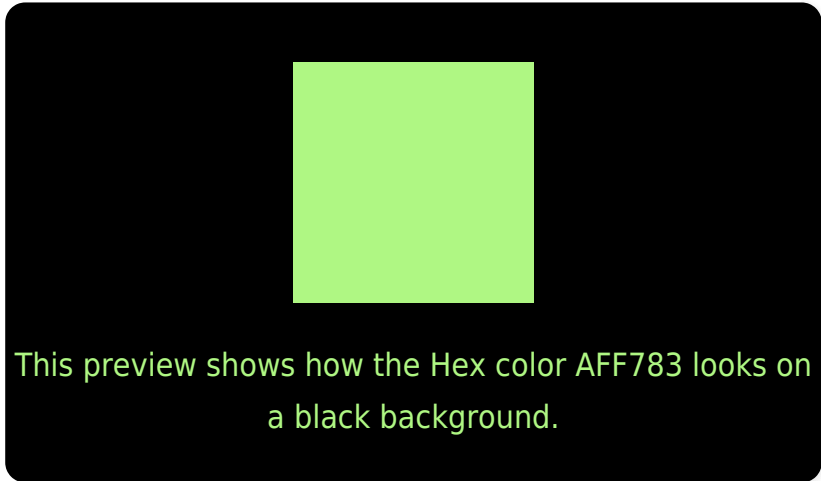
Large Text (above 18pt) WCAG AA × Fail

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 AFF783 Background



This preview shows how black text looks on a background with the Hex color AFF783.

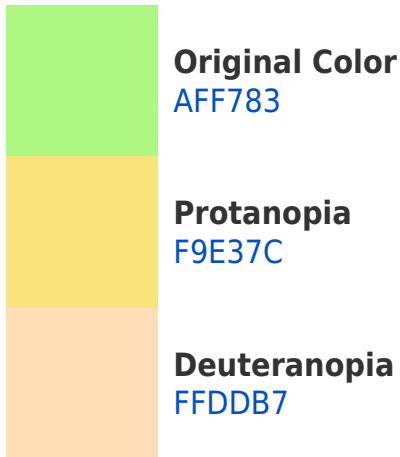


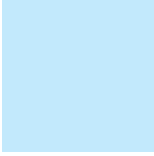
This preview shows how white text looks on a background with the Hex color AFF783.

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



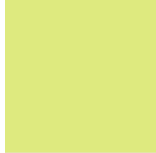


Tritanopia
C2E9FC

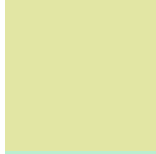
Trichromacy



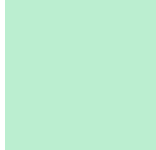
Original Color
AFF783



Protanomaly
DEEA7F



Deuteranomaly
E2E6A4

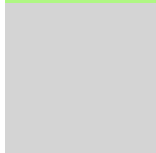


Tritanomaly
BBEED0

Monochromacy



Original Color
AFF783



Achromatopsia
D4D4D4



Achromatomaly
C7E1B7

CSS Examples

Text

The CSS property to change the color of the text to Hex AFF783 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 #AFF783 looks like.

```
.text, #text, p{  
    color:#AFF783  
}
```

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 #AFF783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFF783
}
```

Border

The CSS property to change the border of an element to Hex AFF783 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
#AFF783 }
```

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

```
.border{ border-color:#AFF783 }
```

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

Here you see how a box with a 4 pixel #AFF783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFF783; -webkit-box-shadow:4px 4px  
4px 4px #AFF783; box-shadow:4px 4px 4px  
4px #AFF783 }
```

Background

The CSS property to change the background color of an element to Hex AFF783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFF783 }
```

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

```
.background{ background-color:#AFF783 }
```

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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