

Converting Colors

Hex(AFE777)

Have a look what the booklet for
Hex(AFE777) contains.

Hex(AFE777)	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(AFE777)

Conversions

Conversions Part 1

Format	Color
Hex	AFE777
RGB	175, 231, 119
RGB Percent	69%, 91%, 47%
CMY	0.3137, 0.0941, 0.5333
CMYK	0.24, 0.00, 0.48, 0.09
HSL	90°, 70%, 69%
HSV	90°, 48%, 91%
XYZ	49.5849, 67.5977, 27.8870
YIQ	201.4880, 2.5760, -46.7040

Conversions

Conversions Part 2

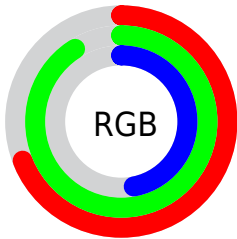
Format	Color
RYB	119, 231, 175
Decimal	11528055
CIELab	85.80, -36.31, 48.51
CIELCh	86, 60.595, 126.811
Yxy	67.5977, 0.3418, 0.4660
Android (android.graphics.Color)	4289718135 (0xFFAFE777)
YUV	201.4880, -40.6666, -23.2300
Hunter-Lab	82.2178, -36.2293, 37.4422

Details

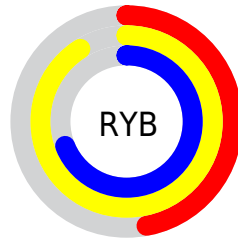
The Hex color **AFE777** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AF77E7**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **E8FFAD**, and **78AF43** is the 20% darker color. If you saturate the color by 10%, you get **A3E760**, and if you desaturate by 10%, it is **BBE78E**.

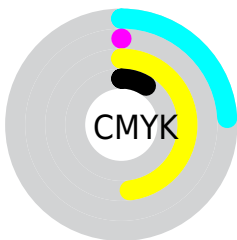
Distribution



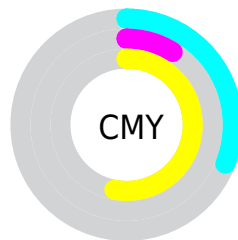
- Red (69%)
- Green (91%)
- Blue (47%)



- Red (47%)
- Yellow (91%)
- Blue (69%)



- Cyan (24%)
- Magenta (0%)
- Yellow (48%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFE777 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 AFE777 by changing the saturation by 10% instead.

 AFE777

FFFFFF

 E8FFAD

 FFFFC9

 FFFFEE

 AFE777

 93CB5D

 78AF43

 5D9428

 427A08

 266100

 054900

 003100

 001D00

 000000

 AFE777

 AFE777

 A3E760

 BBE78E

 98E749

 C6E7A5

 8CE732

 D2E7BC

 81E71B

 DDE7D3

 75E703

 E9E7EB

 74E700

 F4E7FF

 FFE7FF

Harmonies

Analogous

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



ECD860



AFE777



5DF0A7

Triad

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



AFE777



00E9FF



FFA6CC

Complementary

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



`AFE777`



`AF77E7`

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.



FFAEFF



AFE777



8BD8FF

Square

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



AFE777



00F1FF



ECC2FF



FFAF95

Rectangle

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



AFE777



00F3CE



ECC2FF



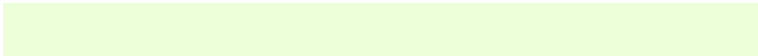
FFA6DF

Sweetspot

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



AFE777



ECFFD9



E7AF77



748069



000000



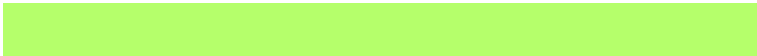
808080

Same Dimension

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



AFE777



B5FF6B



77E777



6D7367



59B300



1A3300

Inverse Universe

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



AF77E7



B56BFF



E777E7



6D6773



5900B3



1A0033

Previews

White Background



This preview shows how the Hex color AFE777 looks on a white background.

Color Contrast Check

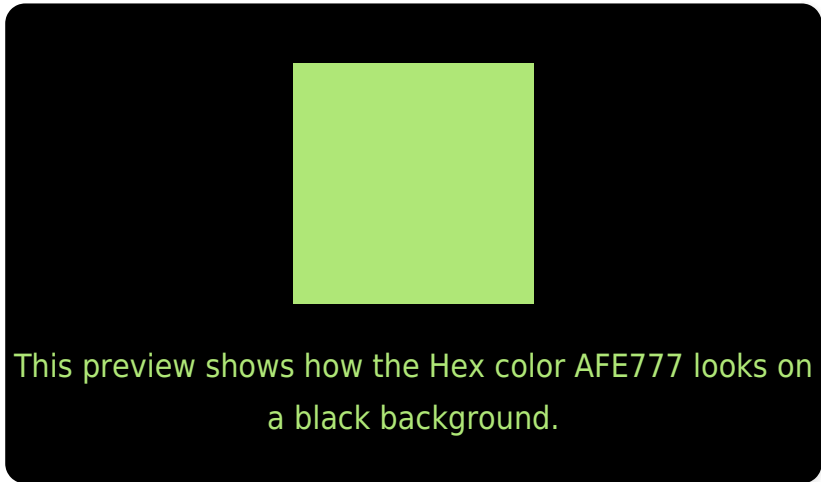
Large Text (above 18pt) WCAG AA × Fail

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 AFE777 Background



This preview shows how black text looks on a background with the Hex color AFE777.

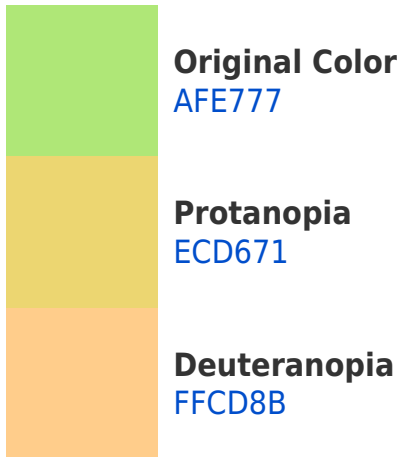


This preview shows how white text looks on a background with the Hex color AFE777.

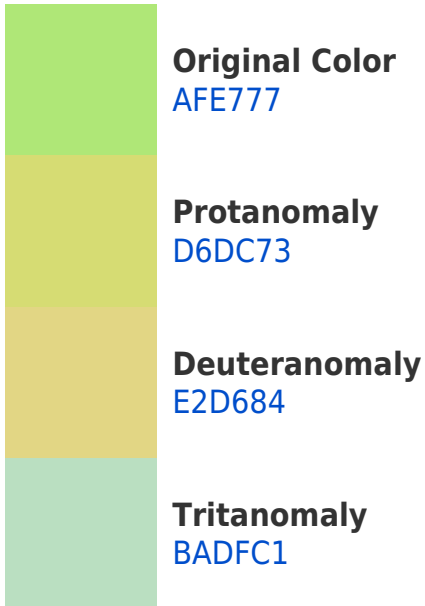
Color Blindness Simulation

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](#).

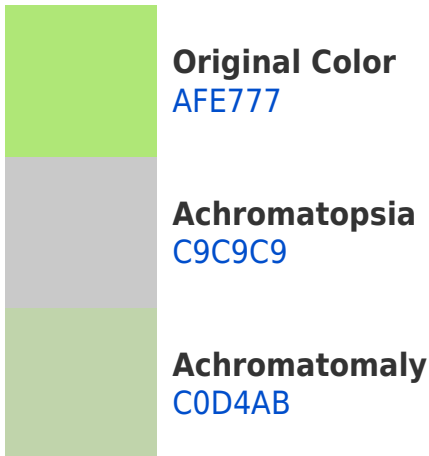
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFE777 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 #AFE777 looks like.

```
.text, #text, p{  
    color:#AFE777  
}
```

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 #AFE777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFE777
}
```

Border

The CSS property to change the border of an element to Hex AFE777 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
#AFE777 }
```

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

```
.border{ border-color:#AFE777 }
```

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

Here you see how a box with a 4 pixel #AFE777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFE777; -webkit-box-shadow:4px 4px  
4px 4px #AFE777; box-shadow:4px 4px 4px  
4px #AFE777 }
```

Background

The CSS property to change the background color of an element to Hex AFE777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFE777 }
```

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

```
.background{ background-color:#AFE777 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor