

Converting Colors

Hex(AFB77F)

Have a look what the booklet for
Hex(AFB77F) contains.

Hex(AFB77F)	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(AFB77F)

Conversions

Conversions Part 1

Format	Color
Hex	AFB77F
RGB	175, 183, 127
RGB Percent	69%, 72%, 50%
CMY	0.3137, 0.2824, 0.5020
CMYK	0.04, 0.00, 0.31, 0.28
HSL	69°, 28%, 61%
HSV	69°, 31%, 72%
XYZ	38.4434, 44.5132, 26.6444
YIQ	174.2240, 13.2080, -19.1120

Conversions

Conversions Part 2

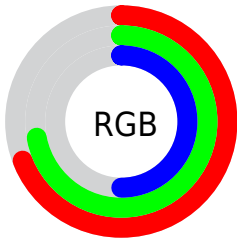
Format	Color
RYB	127, 183, 135
Decimal	11515775
CIELab	72.57, -12.00, 27.61
CIELCh	73, 30.105, 113.488
Yxy	44.5132, 0.3508, 0.4061
Android (android.graphics.Color)	4289705855 (0xFFAFB77F)
YUV	174.2240, -23.2814, 0.6806
Hunter-Lab	66.7182, -13.9042, 23.0249

Details

The Hex color **AFB77F** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **877FB7**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **E7EFB4**, and **7A824D** is the 20% darker color. If you saturate the color by 10%, you get **ACB76D**, and if you desaturate by 10%, it is **B2B791**.

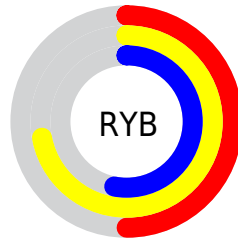
Distribution



Red (69%)

Green (72%)

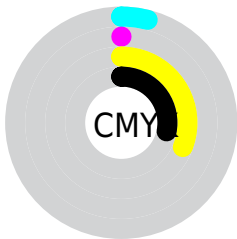
Blue (50%)



Red (50%)

Yellow (72%)

Blue (53%)

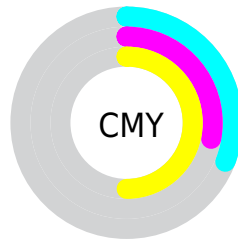


Cyan (4%)

Magenta (0%)

Yellow (31%)

Black (28%)



Cyan (31%)

Magenta (28%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFB77F 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 AFB77F by changing the saturation by 10% instead.



AFB77F



AFB77F

FFFFFF



949C66



E7EFB4



7A824D



FFFFD0



606936



FFFEC



48511F



303A08



1B2400



001000



000000



AFB77F



AFB77F

 ACB76D

 B2B791

 AAB75A

 B4B7A4

 A7B748

 B7B7B6

 A5B736

 B9B7C8

 A2B724

 BCB7DB

 9FB711

 BFB7ED

 9DB700

 C1B7FF

 C4B7FF

 C7B7FF

Harmonies

Analogous

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



CBAE7B



AFB77F



8FBE90

Triad

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



AFB77F



64BDDD



E49EB9

Complementary

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



AFB77F



877FB7

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.



CFA4D3



AFB77F



86B6E8

Square

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



AFB77F



5CC1C7



AEADE4



E99F9D

Rectangle

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



AFB77F



7AC0A1



AEADE4



DF9FC2

Sweetspot

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



AFB77F



EAEDD8



B7867F



76786B



F7F7F7



787878

Same Dimension

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



AFB77F



E1ED95



94B77F



5A5C53



859C00



181C00

Inverse Universe

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



877FB7



A295ED



A27FB7



54535C



16009C



04001C

Previews

White Background



This preview shows how the Hex color AFB77F looks on a white background.

Color Contrast Check

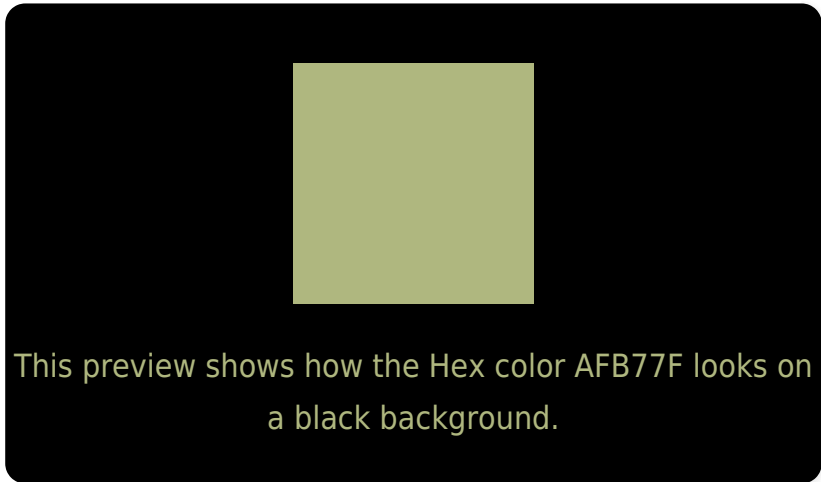
Large Text (above 18pt) WCAG AA × Fail

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

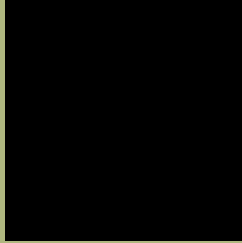
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

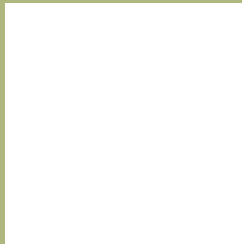
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex AFB77F Background



This preview shows how black text looks on a background with the Hex color AFB77F.



This preview shows how white text looks on a background with the Hex color AFB77F.

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



Original Color
AFB77F

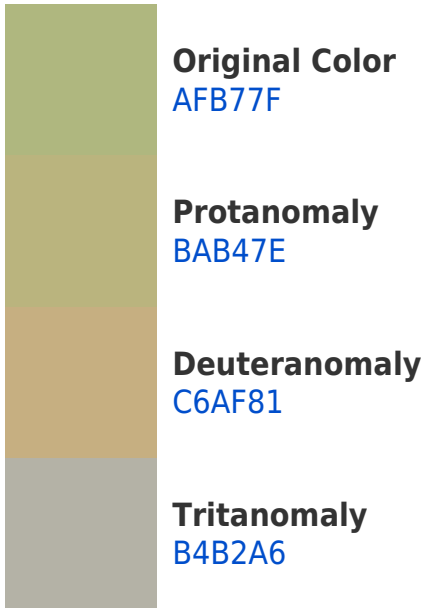
Protanopia
C0B27D

Deuteranopia
D3AA82



Tritanopia
B7AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFB77F 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 #AFB77F looks like.

```
.text, #text, p{  
    color:#AFB77F  
}
```

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 #AFB77F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFB77F  
}
```

Border

The CSS property to change the border of an element to Hex AFB77F 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  
#AFB77F }
```

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

```
.border{ border-color:#AFB77F }
```

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

Here you see how a box with a 4 pixel #AFB77F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFB77F; -webkit-box-shadow:4px 4px  
4px 4px #AFB77F; box-shadow:4px 4px 4px  
4px #AFB77F }
```

Background

The CSS property to change the background color of an element to Hex AFB77F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFB77F }
```

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

```
.background{ background-color:#AFB77F }
```

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