

Converting Colors

Hex(ABEA77)

Have a look what the booklet for
Hex(ABEA77) contains.

Hex(ABEA77)	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(ABEA77)

Conversions

Conversions Part 1

Format	Color
Hex	ABEA77
RGB	171, 234, 119
RGB Percent	67%, 92%, 47%
CMY	0.3294, 0.0824, 0.5333
CMYK	0.27, 0.00, 0.49, 0.08
HSL	93°, 73%, 69%
HSV	93°, 49%, 92%
XYZ	49.5472, 68.8355, 28.1279
YIQ	202.0530, -0.6330, -49.1210

Conversions

Conversions Part 2

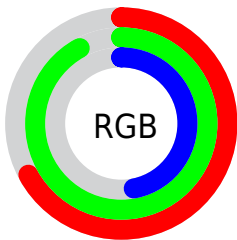
Format	Color
RYB	119, 234, 182
Decimal	11266679
CIELab	86.42, -39.07, 49.21
CIELCh	86, 62.838, 128.446
Yxy	68.8355, 0.3382, 0.4698
Android (android.graphics.Color)	4289456759 (0xFFABEA77)
YUV	202.0530, -40.9451, -27.2335
Hunter-Lab	82.9671, -38.5940, 37.9762

Details

The Hex color **ABEA77** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B677EA**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **E5FFAD**, and **74B243** is the 20% darker color. If you saturate the color by 10%, you get **9EEA60**, and if you desaturate by 10%, it is **B8EA8E**.

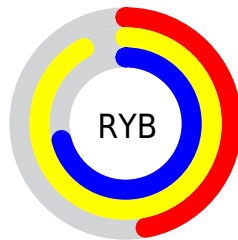
Distribution



Red (67%)

Green (92%)

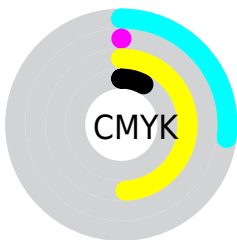
Blue (47%)



Red (47%)

Yellow (92%)

Blue (71%)

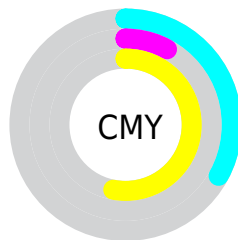


Cyan (27%)

Magenta (0%)

Yellow (49%)

Black (8%)



Cyan (33%)

Magenta (8%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color ABEA77 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 ABEA77 by changing the saturation by 10% instead.

 ABEA77

 ABEA77

FFFFFF

 8FCE5D

 E5FFAD

 74B243

 FFFFC9

 589728

 FFFF E6

 3D7D07

 206300

 004B00

 003300

 001E00

 000000

 ABEA77

 ABEA77

 9EEA60

 B8EA8E

 91EA48

 C5EAA6

 85EA31

 D1EABD

 78EA19

 DEEAD5

 6BEA02

 EB EAEC

 6AEA00

 F8EAFF

 FFEAFF

Harmonies

Analogous

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



EBDA5D



ABEA77



50F3AA

Triad

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



ABEA77



00EAF7



FFA5CA

Complementary

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



ABEA77



B677EA

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.



FFADFF



ABEA77



8FD9FF

Square

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



ABEA77



00F4FF



F3C2FF



FFB091

Rectangle

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



ABEA77



00F6D3



F3C2FF



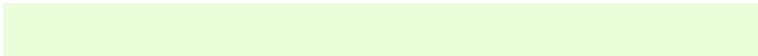
FFA5DE

Sweetspot

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



ABEA77



EAFD9



EAB477



738069



000000



808080

Same Dimension

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



ABEA77



ADFF69



77EA7B



6F756A



52B500



183600

Inverse Universe

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



B677EA



BB69FF



EA77E6



706A75



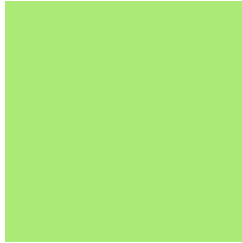
6300B5



1D0036

Previews

White Background



This preview shows how the Hex color ABEA77 looks on a white background.

Color Contrast Check

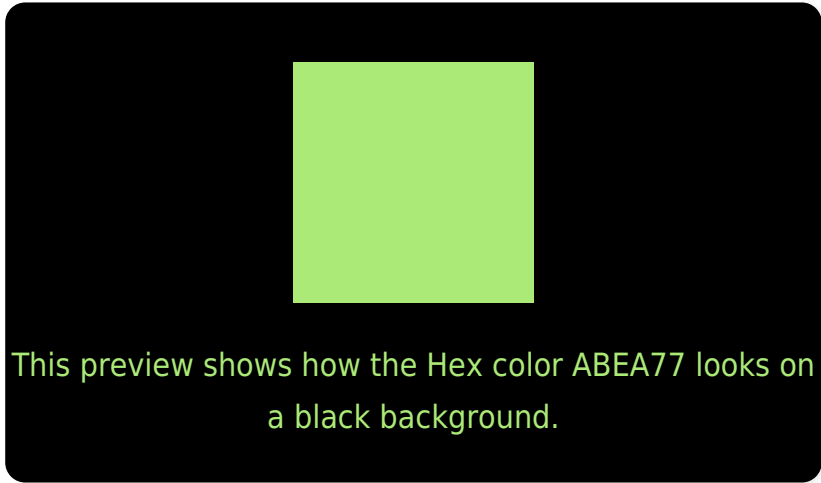
Large Text (above 18pt) WCAG AA × Fail

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 ABEA77 Background



This preview shows how black text looks on a background with the Hex color ABEA77.

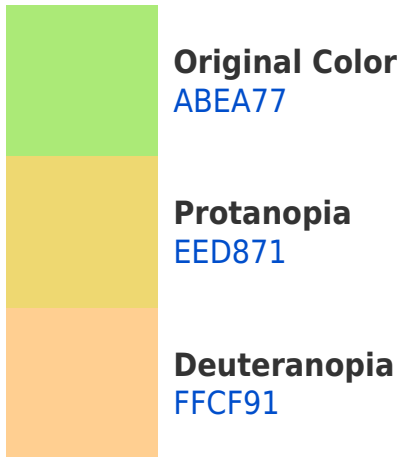


This preview shows how white text looks on a background with the Hex color ABEA77.

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](#).

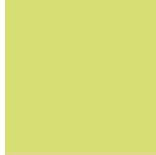
Dichromacy



Trichromacy



Original Color
ABEA77



Protanomaly
D6DF73



Deuteranomaly
E0D988



Tritanomaly
B6E2C3

Monochromacy



Original Color
ABEA77



Achromatopsia
CACACA



Achromatomaly
BFD6AC

CSS Examples

Text

The CSS property to change the color of the text to Hex ABEA77 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 #ABEA77 looks like.

```
.text, #text, p{  
    color:#ABEA77  
}
```

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 #ABEA77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABEA77  
}
```

Border

The CSS property to change the border of an element to Hex ABEA77 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  
#ABEA77 }
```

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

```
.border{ border-color:#ABEA77 }
```

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

Here you see how a box with a 4 pixel #ABEA77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABEA77; -webkit-box-shadow:4px 4px  
4px 4px #ABEA77; box-shadow:4px 4px 4px  
4px #ABEA77 }
```

Background

The CSS property to change the background color of an element to Hex ABEA77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABEA77 }
```

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

```
.background{ background-color:#ABEA77 }
```

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