

Converting Colors

Hex(ABC877)

Have a look what the booklet for
Hex(ABC877) contains.

Hex(ABC877)	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(ABC877)

Conversions

Conversions Part 1

Format	Color
Hex	ABC877
RGB	171, 200, 119
RGB Percent	67%, 78%, 47%
CMY	0.3294, 0.2157, 0.5333
CMYK	0.15, 0.00, 0.40, 0.22
HSL	81°, 42%, 63%
HSV	81°, 40%, 78%
XYZ	40.7786, 51.2984, 25.2051
YIQ	182.0950, 8.7170, -31.3390

Conversions

Conversions Part 2

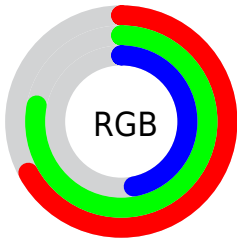
Format	Color
RYB	119, 200, 148
Decimal	11257975
CIELab	76.86, -23.15, 37.30
CIELCh	77, 43.898, 121.821
Yxy	51.2984, 0.3477, 0.4374
Android (android.graphics.Color)	4289448055 (0xFFABC877)
YUV	182.0950, -31.1058, -9.7303
Hunter-Lab	71.6229, -23.7107, 29.2711

Details

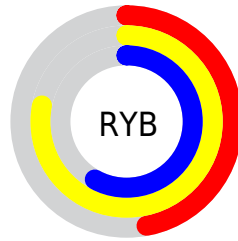
The Hex color **ABC877** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9477C8**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **E3FFAC**, and **759245** is the 20% darker color. If you saturate the color by 10%, you get **A4C863**, and if you desaturate by 10%, it is **B2C88B**.

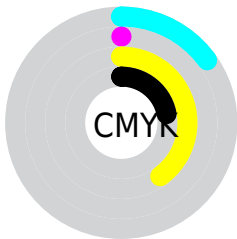
Distribution



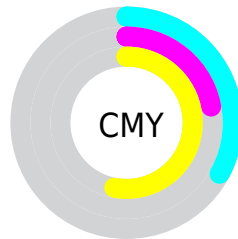
- Red (67%)
- Green (78%)
- Blue (47%)



- Red (47%)
- Yellow (78%)
- Blue (58%)



- Cyan (15%)
- Magenta (0%)
- Yellow (40%)
- Black (22%)



- Cyan (33%)
- Magenta (22%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color ABC877 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 ABC877 by changing the saturation by 10% instead.

 ABC877

 ABC877

FFFFFF

 90AD5D

 E3FFAC

 759245

 FFFFC8

 5C782C

 FFFFE4

 425F14

 2A4700

 123100

 001E00

 000000

 ABC877

 ABC877

 A4C863

 B2C88B

 9DC84F

 B9C89F

 96C83B

 C0C8B3

 8EC827

 C8C8C7

 87C813

 CFC8DB

 80C800

 D6C8EF

 DDC8FF

 E4C8FF

 EBC8FF

Harmonies

Analogous

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



D5BC6B



ABC877



79D096

Triad

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



ABC877



2CCCF



FF9DBD

Complementary

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



ABC877



9477C8

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.



F3A4E5



ABC877



84C1FF

Square

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



ABC877



00D2E7



C5B2FF



FFA295

Rectangle

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



ABC877



52D3B1



C5B2FF



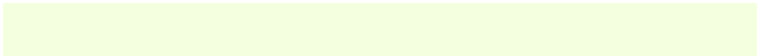
FF9FCB

Sweetspot

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



ABC877



F4FFE0



C89377



79806E



000000



808080

Same Dimension

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



ABC877



D2FF82



83C877



60635A



69A300



172400

Inverse Universe

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



9477C8



AF82FF



BC77C8



5D5A63



3A00A3



0D0024

Previews

White Background



This preview shows how the Hex color ABC877 looks on a white background.

Color Contrast Check

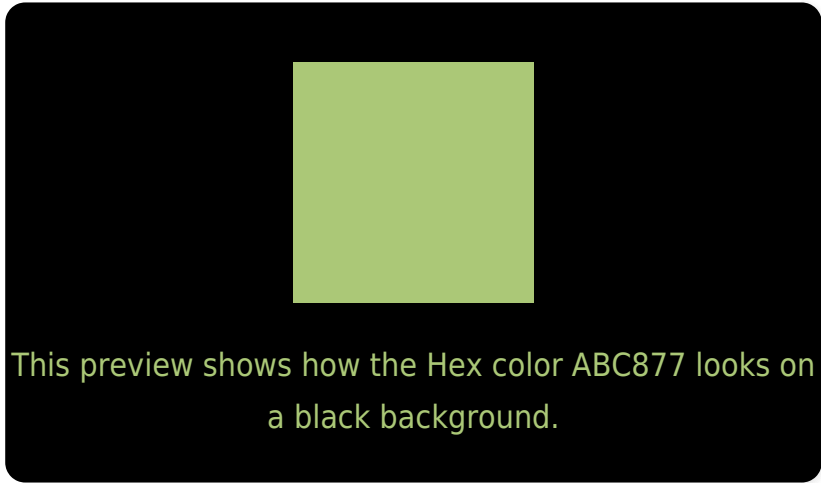
Large Text (above 18pt) WCAG AA × Fail

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 ABC877 Background



This preview shows how black text looks on a background with the Hex color ABC877.

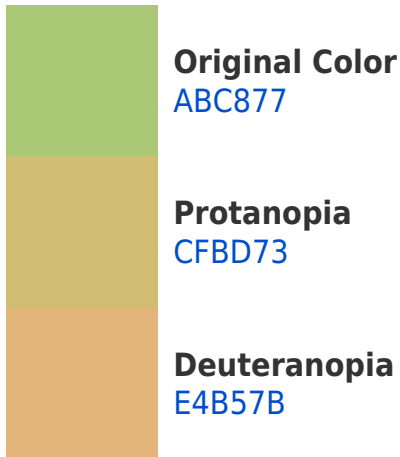


This preview shows how white text looks on a background with the Hex color ABC877.

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](#).

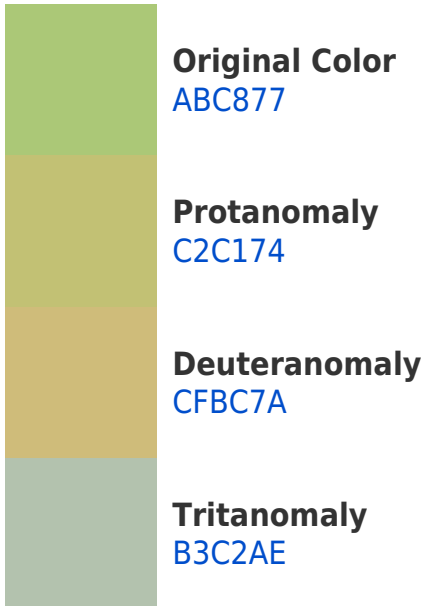
Dichromacy





Tritanopia
B7BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ABC877 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 #ABC877 looks like.

```
.text, #text, p{  
    color:#ABC877  
}
```

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 #ABC877 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABC877
}
```

Border

The CSS property to change the border of an element to Hex ABC877 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
#ABC877 }
```

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

```
.border{ border-color:#ABC877 }
```

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

Here you see how a box with a 4 pixel #ABC877 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABC877; -webkit-box-shadow:4px 4px  
4px 4px #ABC877; box-shadow:4px 4px 4px  
4px #ABC877 }
```

Background

The CSS property to change the background color of an element to Hex ABC877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABC877 }
```

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

```
.background{ background-color:#ABC877 }
```

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