

Converting Colors

Hex(AB872F)

Have a look what the booklet for
Hex(AB872F) contains.

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Color

Hex(AB872F)

Conversions

Conversions Part 1

Format	Color
Hex	AB872F
RGB	171, 135, 47
RGB Percent	67%, 53%, 18%
CMY	0.3294, 0.4706, 0.8157
CMYK	0.00, 0.21, 0.73, 0.33
HSL	43°, 57%, 43%
HSV	43°, 73%, 67%
XYZ	25.9716, 26.1911, 6.3759
YIQ	135.7320, 49.7040, -19.7360

Conversions

Conversions Part 2

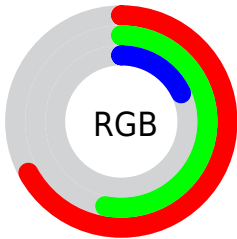
Format	Color
RYB	98, 171, 47
Decimal	11241263
CIELab	58.22, 4.55, 50.30
CIELCh	58, 50.503, 84.829
Yxy	26.1911, 0.4437, 0.4474
Android (android.graphics.Color)	4289431343 (0xFFAB872F)
YUV	135.7320, -43.7449, 30.9300
Hunter-Lab	51.1772, 1.0258, 28.4375

Details

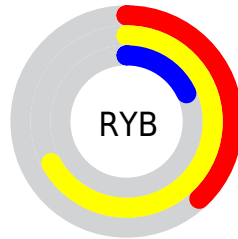
The Hex color **AB872F** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **2F53AB**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **E5BC62**, and **735600** is the 20% darker color. If you saturate the color by 10%, you get **AB821E**, and if you desaturate by 10%, it is **AB8C40**.

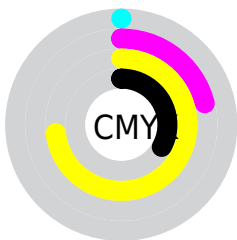
Distribution



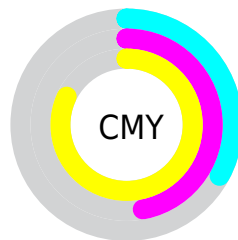
- Red (67%)
- Green (53%)
- Blue (18%)



- Red (38%)
- Yellow (67%)
- Blue (18%)



- Cyan (0%)
- Magenta (21%)
- Yellow (73%)
- Black (33%)



- Cyan (33%)
- Magenta (47%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB872F 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 AB872F by changing the saturation by 10% instead.

 AB872F

 AB872F

FFFFFF

 8F6E13

 E5BC62

 735600

 FFD87C

 583F00

 FFF497

 3D2900

 FFFFB3

 241500

 FFFFCF

 000000

 FFFFEB

 AB872F

 AB872F

 AB821E

 AB8C40

■ AB7D0D

■ AB9151

■ AB7900

■ AB9662

■ AB9B73

■ ABA084

■ ABA596

■ ABAAA7

■ ABAFB8

■ ABB4C9

Harmonies

Analogous

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



CC7644



AB872F



809437

Triad

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



AB872F



00A1B0



BB71BF

Complementary

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



AB872F



2F53AB

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.



8183DC



AB872F



009DD3

Square

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



AB872F



00A183



0093E4



D86596

Rectangle

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



AB872F



5D9B4A



0093E4



AB77CB

Sweetspot

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



AB872F



DED0AD



AB2F54



706853



F0F0F0



707070

Same Dimension

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



AB872F



DEA61D



92AB2F



57544E



966B00



171000

Inverse Universe

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



2F53AB



1D55DE



482FAB



4E5157



002C96



000717

Previews

White Background



This preview shows how the Hex color AB872F looks on a white background.

Color Contrast Check

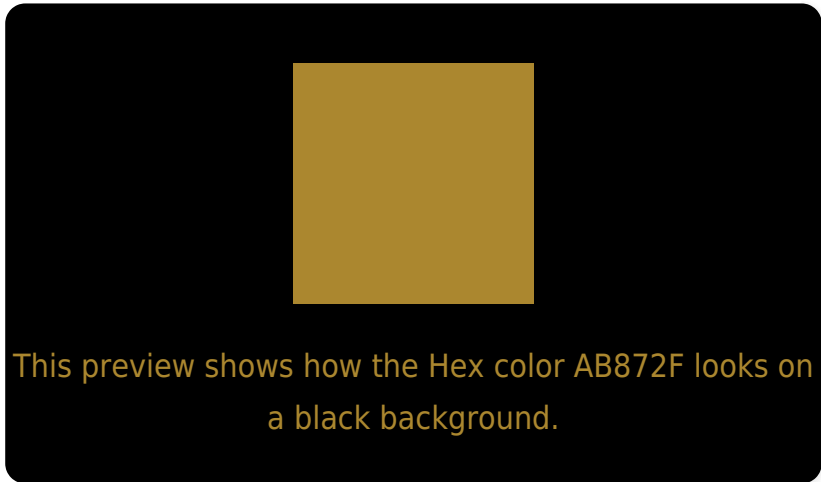
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex AB872F Background



This preview shows how black text looks on a background with the Hex color AB872F.



This preview shows how white text looks on a background with the Hex color AB872F.

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
AB872F

Protanopia
9D8C30

Deuteranopia
AF8530

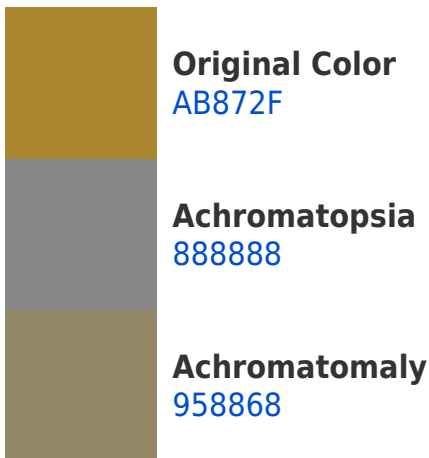


Tritanopia
B17E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB872F 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 #AB872F looks like.

```
.text, #text, p{  
    color:#AB872F  
}
```

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 #AB872F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB872F
}
```

Border

The CSS property to change the border of an element to Hex AB872F 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
#AB872F }
```

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

```
.border{ border-color:#AB872F }
```

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

Here you see how a box with a 4 pixel #AB872F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB872F; -webkit-box-shadow:4px 4px  
4px 4px #AB872F; box-shadow:4px 4px 4px  
4px #AB872F }
```

Background

The CSS property to change the background color of an element to Hex AB872F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB872F }
```

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

```
.background{ background-color:#AB872F }
```

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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