

Converting Colors

Hex(AFB277)

Have a look what the booklet for
Hex(AFB277) contains.

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Color

Hex(AFB277)

Conversions

Conversions Part 1

Format	Color
Hex	AFB277
RGB	175, 178, 119
RGB Percent	69%, 70%, 47%
CMY	0.3137, 0.3020, 0.5333
CMYK	0.02, 0.00, 0.33, 0.30
HSL	63°, 28%, 58%
HSV	63°, 33%, 70%
XYZ	36.9294, 42.2867, 23.6685
YIQ	170.3770, 17.1510, -18.9850

Conversions

Conversions Part 2

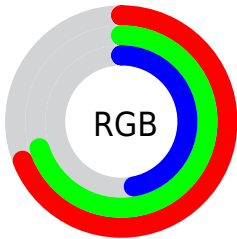
Format	Color
RYB	119, 178, 122
Decimal	11514487
CIELab	71.07, -10.44, 29.86
CIELCh	71, 31.637, 109.275
Yxy	42.2867, 0.3589, 0.4110
Android (android.graphics.Color)	4289704567 (0xFFAFB277)
YUV	170.3770, -25.3289, 4.0544
Hunter-Lab	65.0282, -12.4296, 23.9398

Details

The Hex color **AFB277** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7A77B2**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **E7EAAC**, and **7A7D46** is the 20% darker color. If you saturate the color by 10%, you get **AEB265**, and if you desaturate by 10%, it is **B0B289**.

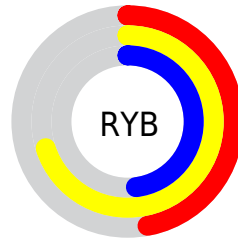
Distribution



Red (69%)

Green (70%)

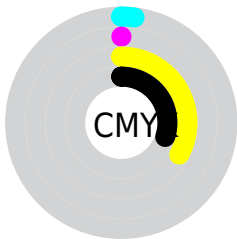
Blue (47%)



Red (47%)

Yellow (70%)

Blue (48%)

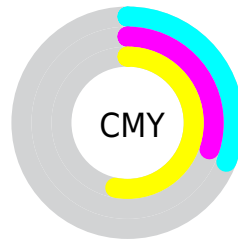


Cyan (2%)

Magenta (0%)

Yellow (33%)

Black (30%)



Cyan (31%)

Magenta (30%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFB277 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 AFB277 by changing the saturation by 10% instead.

 AFB277

 AFB277

FFFFFF

 94975E

 E7EAAC

 7A7D46

 FFFFC7

 60652E

 FFFFE4

 474D17

 303600

 192100

 000700

 000000

 AFB277

 AFB277

 AEB265

 B0B289

 ADB253

 B1B29B

 ACB242

 B2B2AC

 ABB230

 B3B2BE

 AAB21E

 B4B2D0

 AAB20C

 B4B2E2

 A9B200

 B5B2F4

 B6B2FF

 B7B2FF

Harmonies

Analogous

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



CBA976



AFB277



8EB988

Triad

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



AFB277



55BBD9



E099BA

Complementary

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



AFB277



7A77B2

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.



C8A0D4



AFB277



78B4E6

Square

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



AFB277



52BEC0



A3AAE4



E8999C

Rectangle

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



AFB277



77BC99



A3AAE4



DA9BC3

Sweetspot

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



AFB277



E7E8D1



B27A77



757567



F5F5F5



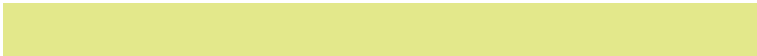
757575

Same Dimension

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



AFB277



E3E88B



92B277



595950



919900



181A00

Inverse Universe

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



7A77B2



908BE8



9777B2



515059



080099



01001A

Previews

White Background



This preview shows how the Hex color AFB277 looks on a white background.

Color Contrast Check

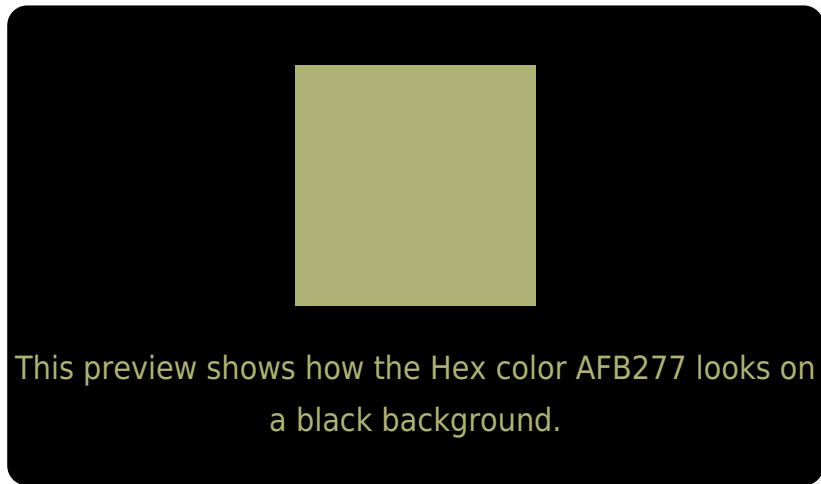
Large Text (above 18pt) WCAG AA × Fail

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

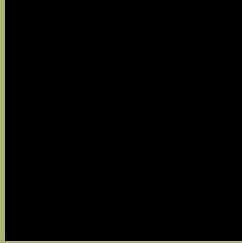
Any Text WCAG AA ✓ Pass

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 AFB277 Background



This preview shows how black text looks on a background with the Hex color AFB277.

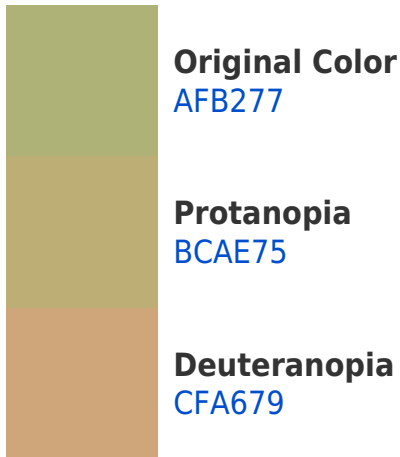


This preview shows how white text looks on a background with the Hex color AFB277.

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
B7AAB7

Trichromacy



Original Color
AFB277

Protanomaly
B7AF76

Deuteranomaly
C3AA78

Tritanomaly
B4ADA0

Monochromacy



Original Color
AFB277

Achromatopsia
AAAAAA

Achromatomaly
ACAD97

CSS Examples

Text

The CSS property to change the color of the text to Hex AFB277 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 #AFB277 looks like.

```
.text, #text, p{  
    color:#AFB277  
}
```

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 #AFB277 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFB277  
}
```

Border

The CSS property to change the border of an element to Hex AFB277 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  
#AFB277 }
```

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

```
.border{ border-color:#AFB277 }
```

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

Here you see how a box with a 4 pixel #AFB277 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFB277; -webkit-box-shadow:4px 4px  
4px 4px #AFB277; box-shadow:4px 4px 4px  
4px #AFB277 }
```

Background

The CSS property to change the background color of an element to Hex AFB277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFB277 }
```

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

```
.background{ background-color:#AFB277 }
```

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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