

Converting Colors

Hex(ABB272)

Have a look what the booklet for
Hex(ABB272) contains.

Hex(ABB272)	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(ABB272)

Conversions

Conversions Part 1

Format	Color
Hex	ABB272
RGB	171, 178, 114
RGB Percent	67%, 70%, 45%
CMY	0.3294, 0.3020, 0.5529
CMYK	0.04, 0.00, 0.36, 0.30
HSL	67°, 29%, 57%
HSV	67°, 36%, 70%
XYZ	35.7522, 41.7136, 22.0868
YIQ	168.6110, 16.3720, -21.3880

Conversions

Conversions Part 2

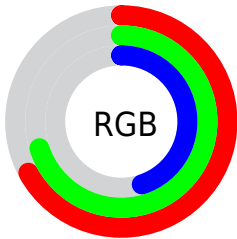
Format	Color
RYB	114, 178, 121
Decimal	11252338
CIELab	70.67, -12.66, 31.92
CIELCh	71, 34.341, 111.631
Yxy	41.7136, 0.3591, 0.4190
Android (android.graphics.Color)	4289442418 (0xFFABB272)
YUV	168.6110, -26.9232, 2.0952
Hunter-Lab	64.5861, -14.2153, 24.9346

Details

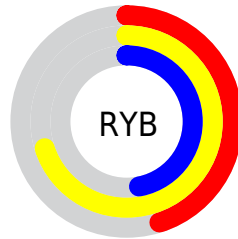
The Hex color **ABB272** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7972B2**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **E3EAA7**, and **767D41** is the 20% darker color. If you saturate the color by 10%, you get **A9B260**, and if you desaturate by 10%, it is **ADB284**.

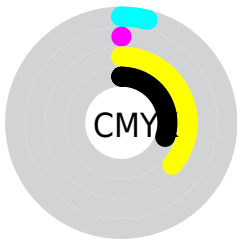
Distribution



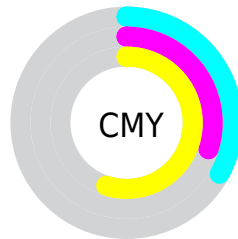
- Red (67%)
- Green (70%)
- Blue (45%)



- Red (45%)
- Yellow (70%)
- Blue (47%)



- Cyan (4%)
- Magenta (0%)
- Yellow (36%)
- Black (30%)



- Cyan (33%)
- Magenta (30%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color ABB272 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 ABB272 by changing the saturation by 10% instead.



ABB272



ABB272

FFFFFF



909759



E3EAA7



767D41



FFFFC2



5C6529



FFFFDE



444D12



FFFFFB



2D3600



152100



000500



000000



ABB272



ABB272

 A9B260

 ADB284

 A7B24E

 AFB296

 A5B23D

 B1B2A7

 A3B22B

 B3B2B9

 A1B219

 B5B2CB

 9FB207

 B7B2DD

 9FB200

 B9B2EF

 BBB2FF

 BDB2FF

Harmonies

Analogous

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



CAA86F



ABB272



87B985

Triad

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



ABB272



47BADD



E496B7

Complementary

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



ABB272



7972B2

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.



CC9DD4



ABB272



74B3EA

Square

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



ABB272



41BEC3



A5A8E7



EB9697

Rectangle

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



ABB272



6EBC98



A5A8E7



DE98C1

Sweetspot

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



ABB272



E5E8CF



B27872



747566



F5F5F5



757575

Same Dimension

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



ABB272



DDE884



8CB272



585950



889900



171A00

Inverse Universe

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



7972B2



8F84E8



9872B2



515059



110099



03001A

Previews

White Background



This preview shows how the Hex color ABB272 looks on a white background.

Color Contrast Check

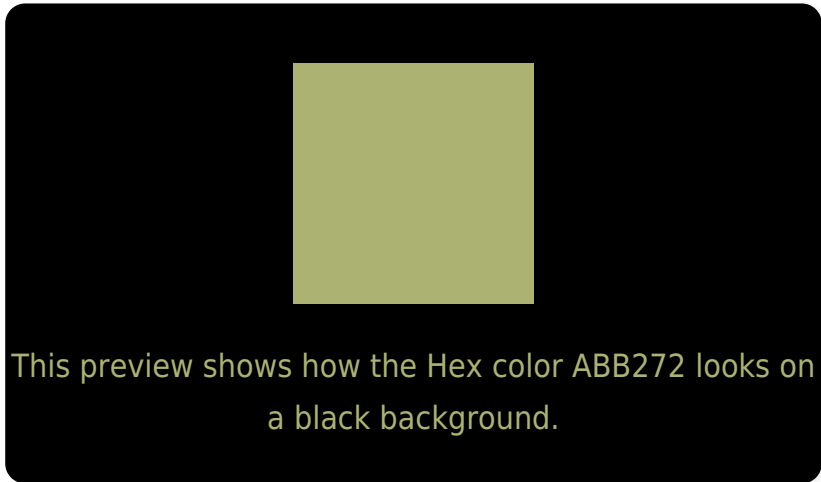
Large Text (above 18pt) WCAG AA × Fail

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

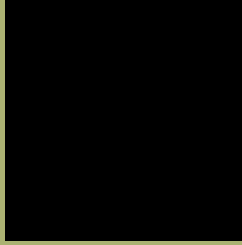
Any Text WCAG AA ✓ Pass

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 ABB272 Background



This preview shows how black text looks on a background with the Hex color ABB272.

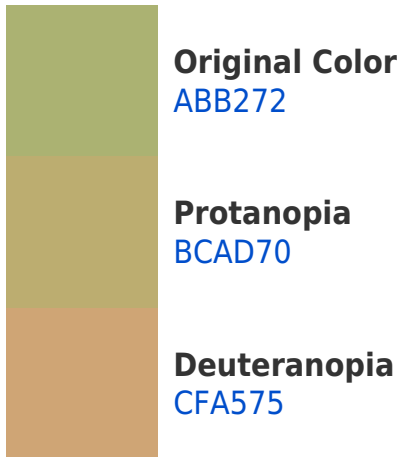


This preview shows how white text looks on a background with the Hex color ABB272.

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](#).

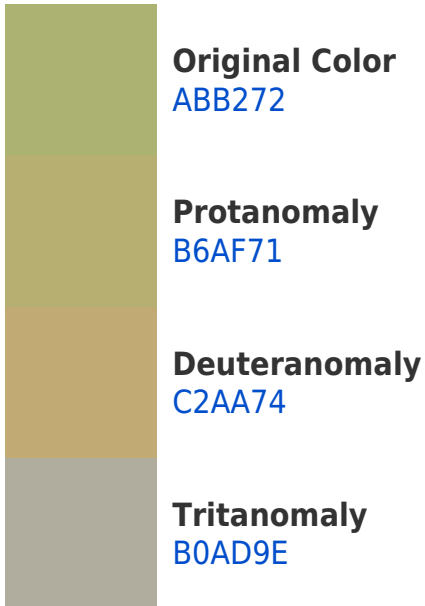
Dichromacy



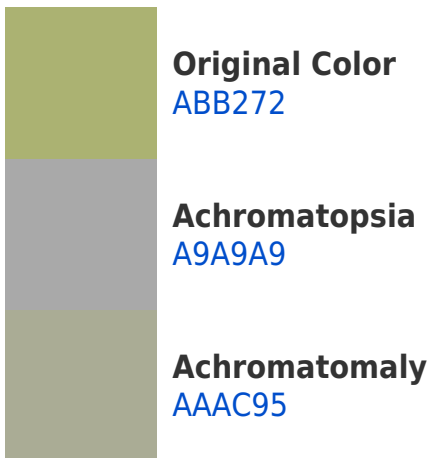


Tritanopia
B3AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ABB272 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 #ABB272 looks like.

```
.text, #text, p{  
    color:#ABB272  
}
```

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 #ABB272 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABB272
}
```

Border

The CSS property to change the border of an element to Hex ABB272 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
#ABB272 }
```

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

```
.border{ border-color:#ABB272 }
```

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

Here you see how a box with a 4 pixel #ABB272 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABB272; -webkit-box-shadow:4px 4px  
4px 4px #ABB272; box-shadow:4px 4px 4px  
4px #ABB272 }
```

Background

The CSS property to change the background color of an element to Hex ABB272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABB272 }
```

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

```
.background{ background-color:#ABB272 }
```

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