

Converting Colors

Hex(3BA872)

Have a look what the booklet for
Hex(3BA872) contains.

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Color

Hex(3BA872)

Conversions

Conversions Part 1

Format	Color
Hex	3BA872
RGB	59, 168, 114
RGB Percent	23%, 66%, 45%
CMY	0.7686, 0.3412, 0.5529
CMYK	0.65, 0.00, 0.32, 0.34
HSL	150°, 48%, 45%
HSV	150°, 65%, 66%
XYZ	18.8435, 30.1500, 20.7460
YIQ	129.2530, -47.6300, -39.9020

Conversions

Conversions Part 2

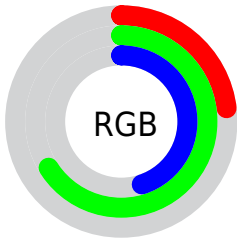
Format	Color
RYB	59, 131, 168
Decimal	3909746
CIELab	61.78, -43.72, 19.02
CIElCh	62, 47.684, 156.487
Yxy	30.1500, 0.2702, 0.4323
Android (android.graphics.Color)	4282099826 (0xFF3BA872)
YUV	129.2530, -7.5197, -61.6119
Hunter-Lab	54.9090, -34.8336, 16.0351

Details

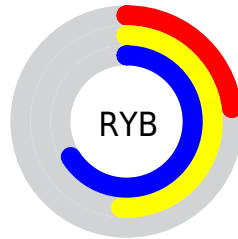
The Hex color **3BA872** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A83B71**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **76E0A6**, and **007342** is the 20% darker color. If you saturate the color by 10%, you get **2AA86A**, and if you desaturate by 10%, it is **4CA87A**.

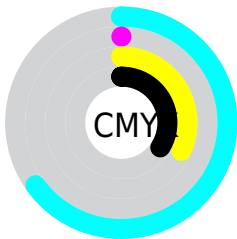
Distribution



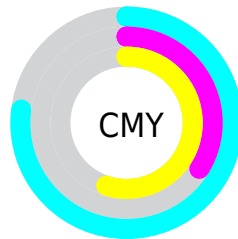
- Red (23%)
- Green (66%)
- Blue (45%)



- Red (23%)
- Yellow (51%)
- Blue (66%)



- Cyan (65%)
- Magenta (0%)
- Yellow (32%)
- Black (34%)



- Cyan (77%)
- Magenta (34%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BA872 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 3BA872 by changing the saturation by 10% instead.



3BA872



3BA872

FFFFFF



158D59



76E0A6



007342



92FDC1



005A2B



AFFFDD



004116



CCFFFA



002B00



EAFFFF



000C00



000000



3BA872



3BA872



2AA86A



4CA87A

■ 19A861

■ 5DA883

■ 09A859

■ 6DA88B

■ 00A855

■ 7EA893

■ 8FA89C

■ A0A8A4

■ B1A8AC

■ C1A8B5

■ D2A8BD

Harmonies

Analogous

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



78A14E



3BA872



00AB9D

Triad

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



3BA872



5B97E9



DF7865

Complementary

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



3BA872



A83B71

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.



E4718E



3BA872



A486D9

Square

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



3BA872



00A3E2



D177B8



C98747

Rectangle

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



3BA872



00AABA



D177B8



E37472

Sweetspot

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



3BA872



B2DBC7



72A83B



546E61



EDEDED



6E6E6E

Same Dimension

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



3BA872



30DB87



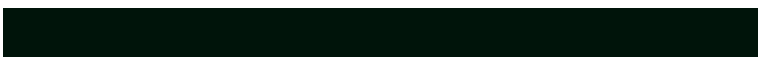
3BA8A8



4C5450



00944B



00140A

Inverse Universe

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



A83B71



DB3085



A83B3B



544C50



940049



14000A

Previews

White Background



This preview shows how the Hex color 3BA872 looks on a white background.

Color Contrast Check

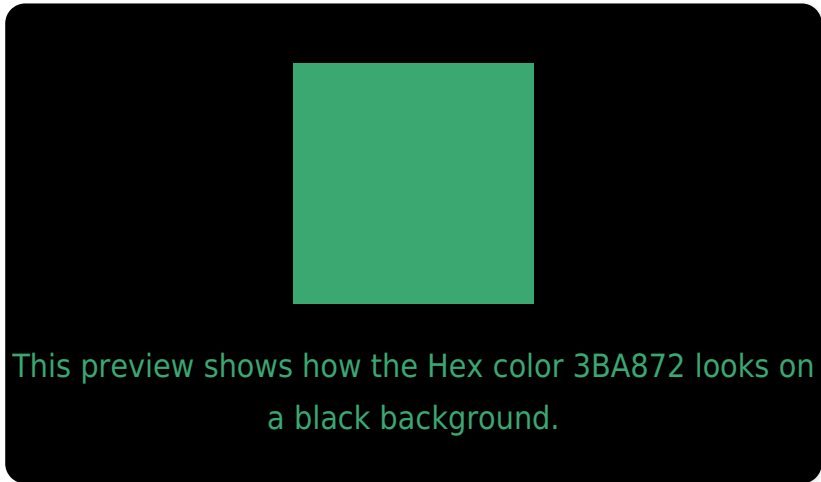
Large Text (above 18pt) WCAG AA × Fail

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

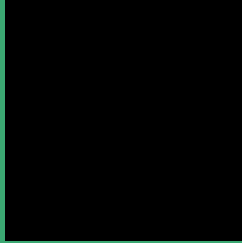
Any Text WCAG AA ✓ Pass

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 3BA872 Background



This preview shows how black text looks on a background with the Hex color 3BA872.

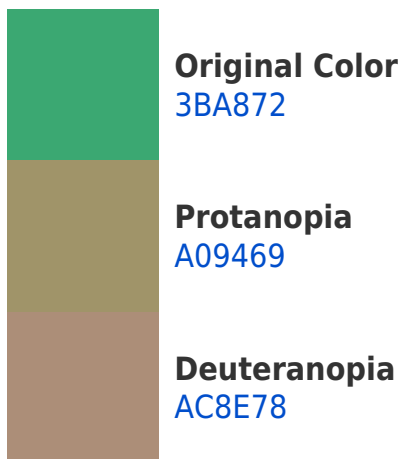


This preview shows how white text looks on a background with the Hex color 3BA872.

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](#).

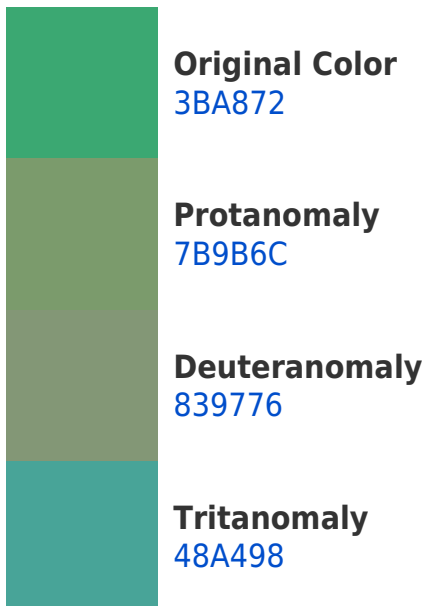
Dichromacy



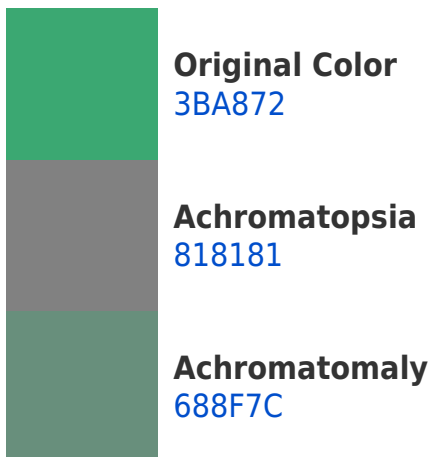


Tritanopia
50A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3BA872 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 #3BA872 looks like.

```
.text, #text, p{  
    color:#3BA872  
}
```

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 #3BA872 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BA872
}
```

Border

The CSS property to change the border of an element to Hex 3BA872 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
#3BA872 }
```

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

```
.border{ border-color:#3BA872 }
```

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

Here you see how a box with a 4 pixel #3BA872 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BA872; -webkit-box-shadow:4px 4px  
4px 4px #3BA872; box-shadow:4px 4px 4px  
4px #3BA872 }
```

Background

The CSS property to change the background color of an element to Hex 3BA872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BA872 }
```

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

```
.background{ background-color:#3BA872 }
```

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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