

Converting Colors

Hex(4A8873)

Have a look what the booklet for
Hex(4A8873) contains.

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Color

Hex(4A8873)

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 4A8873 |
| RGB | 74, 136, 115 |
| RGB Percent | 29%, 53%, 45% |
| CMY | 0.7098, 0.4667, 0.5490 |
| CMYK | 0.46, 0.00, 0.15, 0.47 |
| HSL | 160°, 30%, 41% |
| HSV | 160°, 46%, 53% |
| XYZ | 14.7227, 20.3020, 19.3624 |
| YIQ | 115.0680, -30.2110, -19.6750 |

Conversions

Conversions Part 2

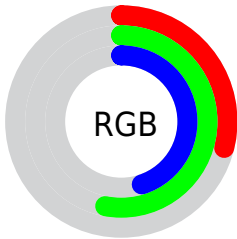
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 74, 111, 136 |
| Decimal | 4884595 |
| CIELab | 52.18, -25.34, 5.08 |
| CIELCh | 52, 25.844, 168.668 |
| Yxy | 20.3020, 0.2707, 0.3733 |
| Android (android.graphics.Color) | 4283074675 (0xFF4A8873) |
| YUV | 115.0680, -0.0335, -36.0166 |
| Hunter-Lab | 45.0577, -20.5257, 6.0621 |

Details

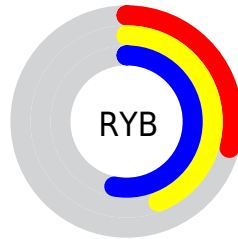
The Hex color **4A8873** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **884A5F**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **7EBEA7**, and **145643** is the 20% darker color. If you saturate the color by 10%, you get **3C886E**, and if you desaturate by 10%, it is **588878**.

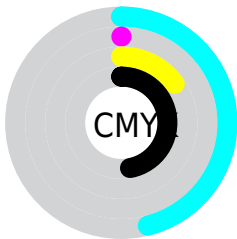
Distribution



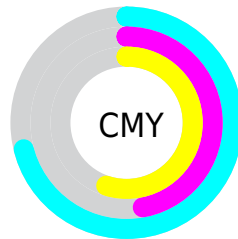
- Red (29%)
- Green (53%)
- Blue (45%)



- Red (29%)
- Yellow (44%)
- Blue (53%)



- Cyan (46%)
- Magenta (0%)
- Yellow (15%)
- Black (47%)



- Cyan (71%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A8873 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 4A8873 by changing the saturation by 10% instead.

 4A8873

 4A8873

FFFFFF

 306E5A


 7EBEA7

 145643

 99DAC2

 003E2D

 B5F6DE

 002818

 D1FFFB

 000E00

 EEEFFF

 000000

 4A8873

 4A8873

 3C886E

 588878

 2F886A

 65887C

■ 218865

■ 738881

■ 148861

■ 808885

■ 06885C

■ 8E888A

■ 00885A

■ 9C888F

■ A98893

■ B78898

■ C4889C

Harmonies

Analogous

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



64855F



4A8873



34888A

Triad

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



4A8873



747AA6



A3715C

Complementary

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



4A8873



884A5F

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.



A96C6F



4A8873



90729A

Square

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



4A8873



5281A7



A36D86



937851

Rectangle

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



4A8873



318797



A36D86



A66F62

Sweetspot

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



4A8873



97B0A8



60884A



4A5954



D9D9D9



595959

Same Dimension

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



4A8873



4FB08F



4A7F88



3E4543



008558



000503

Inverse Universe

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



884A5F



B04F70



88534A



453E40



85002D



050002

Previews

White Background



This preview shows how the Hex color 4A8873 looks on a white background.

Color Contrast Check

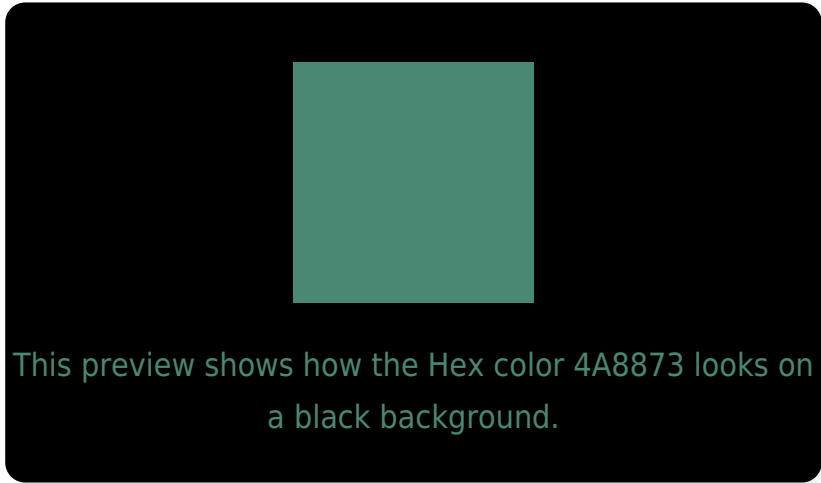
Large Text (above 18pt) WCAG AA ✓ Pass

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

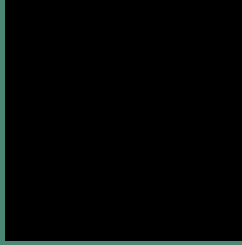
Any Text WCAG AA ✓ Pass

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 4A8873 Background



This preview shows how black text looks on a background with the Hex color 4A8873.

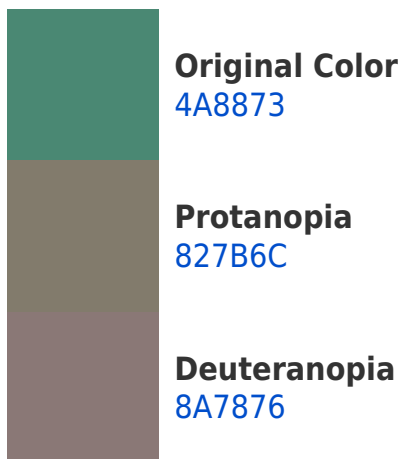



This preview shows how white text looks on a background with the Hex color 4A8873.

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
51848F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A8873 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 #4A8873 looks like.

```
.text, #text, p{  
    color:#4A8873  
}
```

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 #4A8873 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A8873
}
```

Border

The CSS property to change the border of an element to Hex 4A8873 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
#4A8873 }
```

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

```
.border{ border-color:#4A8873 }
```

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

Here you see how a box with a 4 pixel #4A8873 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A8873; -webkit-box-shadow:4px 4px  
4px 4px #4A8873; box-shadow:4px 4px 4px  
4px #4A8873 }
```

Background

The CSS property to change the background color of an element to Hex 4A8873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A8873 }
```

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

```
.background{ background-color:#4A8873 }
```

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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