

Converting Colors

Hex(478973)

Have a look what the booklet for
Hex(478973) contains.

Hex(478973)	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(478973)

Conversions

Conversions Part 1

Format	Color
Hex	478973
RGB	71, 137, 115
RGB Percent	28%, 54%, 45%
CMY	0.7216, 0.4627, 0.5490
CMYK	0.48, 0.00, 0.16, 0.46
HSL	160°, 32%, 41%
HSV	160°, 48%, 54%
XYZ	14.6387, 20.4687, 19.3990
YIQ	114.7580, -32.2740, -20.8340

Conversions

Conversions Part 2

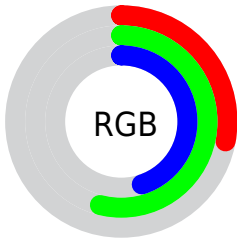
Format	Color
R_{YB}	71, 111, 137
Decimal	4688243
CIE _{Lab}	52.36, -26.65, 5.33
CIE _{LCh}	52, 27.181, 168.695
Yxy	20.4687, 0.2686, 0.3755
Android (android.graphics.Color)	4282878323 (0xFF478973)
YUV	114.7580, 0.1193, -38.3758
Hunter-Lab	45.2424, -21.4183, 6.2474

Details

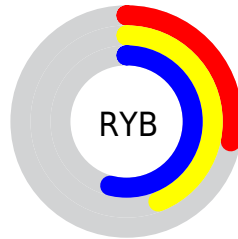
The Hex color **478973** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **89475D**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **7CBFA7**, and **0E5743** is the 20% darker color. If you saturate the color by 10%, you get **39896E**, and if you desaturate by 10%, it is **558978**.

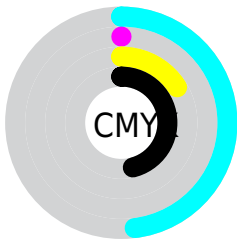
Distribution



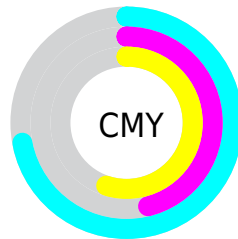
- Red (28%)
- Green (54%)
- Blue (45%)



- Red (28%)
- Yellow (44%)
- Blue (54%)



- Cyan (48%)
- Magenta (0%)
- Yellow (16%)
- Black (46%)



- Cyan (72%)
- Magenta (46%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 478973 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 478973 by changing the saturation by 10% instead.

 478973

 478973

FFFFFF

 2D6F5A

 7CBFA7

 0E5743

 97DBC2

 003F2D

 B2F7DE

 002818

 CEFFFB

 000F00

 EBFFFF

 000000

 478973

 478973

 39896E

 558978

 2C896A

 62897C

■ 1E8965

■ 708981

■ 108961

■ 7E8985

■ 03895C

■ 8C898A

■ 00895B

■ 99898E

■ A78993

■ B58998

■ C2899C

Harmonies

Analogous

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



63865D



478973



2E898B

Triad

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



478973



737AA9



A5715B

Complementary

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



478973



89475D

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.



AB6C6F



478973



92729C

Square

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



478973



4F82AA



A56C87



95784F

Rectangle

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



478973



2A8899



A56C87



A86F61

Sweetspot

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



478973



9AB3AA



5D8947



4A5954



D9D9D9



595959

Same Dimension

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



478973



4BB390



477E89



3E4543



008558



000503

Inverse Universe

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



89475D



B34B6D



895247



453E40



85002C



050002

Previews

White Background



This preview shows how the Hex color 478973 looks on a white background.

Color Contrast Check

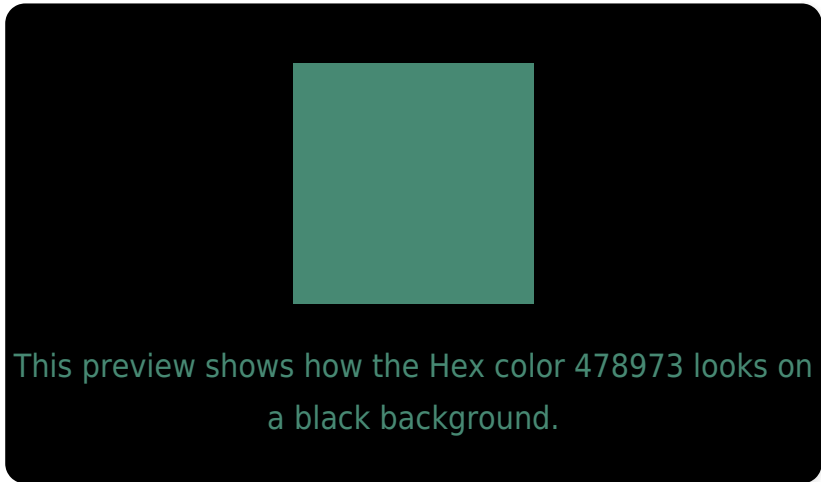
Large Text (above 18pt) WCAG AA ✓ Pass

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

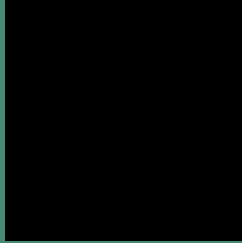
Any Text WCAG AA ✓ Pass

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 478973 Background



This preview shows how black text looks on a background with the Hex color 478973.

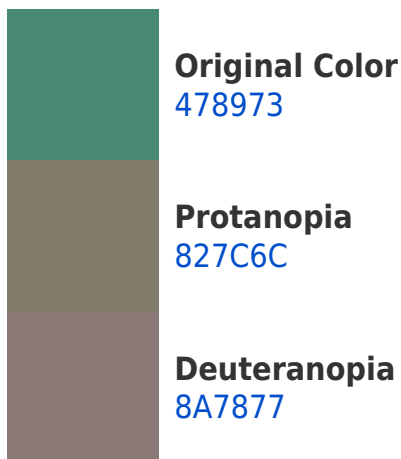


This preview shows how white text looks on a background with the Hex color 478973.

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
4F8590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 478973 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 #478973 looks like.

```
.text, #text, p{  
    color:#478973  
}
```

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 #478973 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #478973
}
```

Border

The CSS property to change the border of an element to Hex 478973 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
#478973 }
```

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

```
.border{ border-color:#478973 }
```

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

Here you see how a box with a 4 pixel #478973 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #478973; -webkit-box-shadow:4px 4px  
4px 4px #478973; box-shadow:4px 4px 4px  
4px #478973 }
```

Background

The CSS property to change the background color of an element to Hex 478973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#478973 }
```

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

```
.background{ background-color:#478973 }
```

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