

Converting Colors

Hex(478C49)

Have a look what the booklet for
Hex(478C49) contains.

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Color

Hex(478C49)

Conversions

Conversions Part 1

Format	Color
Hex	478C49
RGB	71, 140, 73
RGB Percent	28%, 55%, 29%
CMY	0.7216, 0.4510, 0.7137
CMYK	0.49, 0.00, 0.48, 0.45
HSL	122°, 33%, 41%
HSV	122°, 49%, 55%
XYZ	13.1792, 20.5768, 9.5804
YIQ	111.7310, -19.6170, -35.4650

Conversions

Conversions Part 2

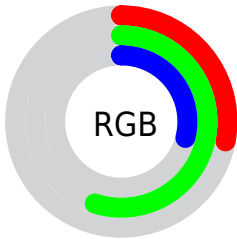
Format	Color
RYB	71, 138, 140
Decimal	4688969
CIELab	52.48, -36.39, 29.12
CIElCh	52, 46.608, 141.335
Yxy	20.5768, 0.3041, 0.4748
Android (android.graphics.Color)	4282879049 (0xFF478C49)
YUV	111.7310, -19.0944, -35.7211
Hunter-Lab	45.3617, -27.5221, 19.2310

Details

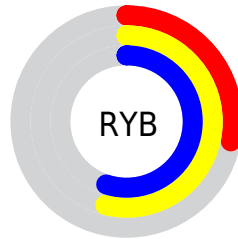
The Hex color **478C49** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8C478A**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7CC27B**, and **0B591A** is the 20% darker color. If you saturate the color by 10%, you get **398C3B**, and if you desaturate by 10%, it is **558C57**.

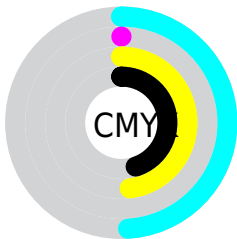
Distribution



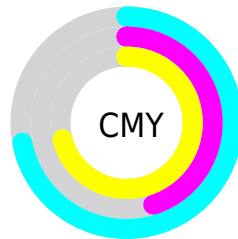
- Red (28%)
- Green (55%)
- Blue (29%)



- Red (28%)
- Yellow (54%)
- Blue (55%)



- Cyan (49%)
- Magenta (0%)
- Yellow (48%)
- Black (45%)



- Cyan (72%)
- Magenta (45%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 478C49 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 478C49 by changing the saturation by 10% instead.

 478C49

 478C49

FFFFFF

 2C7231

 7CC27B

 0B591A

 97DE95

 004102

 B3FBB0

 002A00

 CFFFCC

 001000

 ECFE8

 000000

 478C49

 478C49

 398C3B

 558C57

 2B8C2E


 638C64

 1D8C20

 718C72

 0F8C13

 7F8C7F

 018C05

 8D8C8D

 008C04

 9B8C9B

 A98CA8

 B78CB6

 C58CC3

Harmonies

Analogous

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



78842E



478C49



009070

Triad

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



478C49



0085CC



C75C62

Complementary

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



478C49



8C478A

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.



C05B8B



478C49



6B77C8

Square

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



478C49



008DBB



A367B0



B96840

Rectangle

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



478C49



00918C



A367B0



C75A70

Sweetspot

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



478C49



9AB59B



8B8C47



4B5C4C



DBDBDB



5C5C5C

Same Dimension

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



478C49



4AB54D



478C6B



3E453E



008504



000500

Inverse Universe

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



8C478A



B54AB2



8C4768



453E45



850081



050005

Previews

White Background



This preview shows how the Hex color 478C49 looks on a white background.

Color Contrast Check

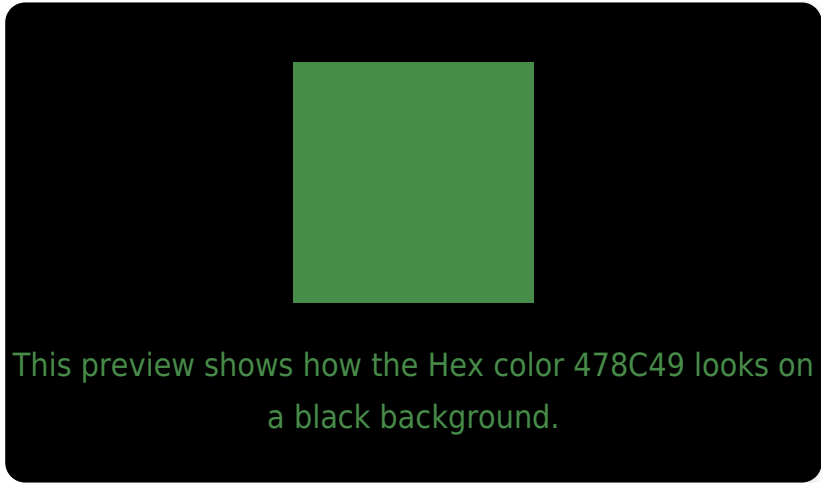
Large Text (above 18pt) WCAG AA ✓ Pass

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 478C49 Background



This preview shows how black text looks on a background with the Hex color 478C49.



This preview shows how white text looks on a background with the Hex color 478C49.

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



Original Color
478C49

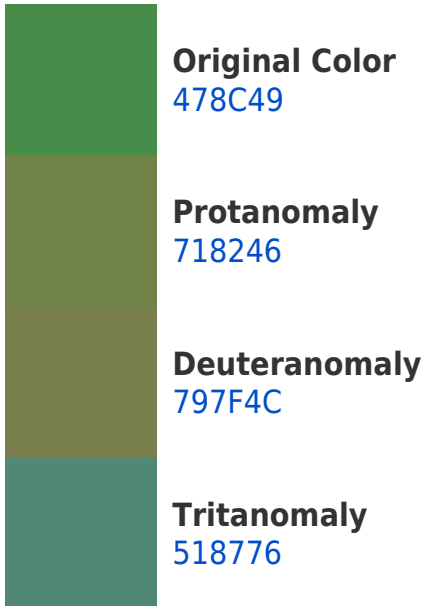
Protanopia
897D44

Deuteranopia
96774E

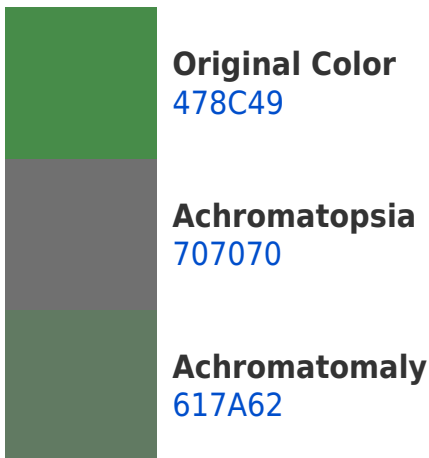


Tritanopia
56848F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 478C49 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 #478C49 looks like.

```
.text, #text, p{  
    color:#478C49  
}
```

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 #478C49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #478C49
}
```

Border

The CSS property to change the border of an element to Hex 478C49 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
#478C49 }
```

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

```
.border{ border-color:#478C49 }
```

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

Here you see how a box with a 4 pixel #478C49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #478C49; -webkit-box-shadow:4px 4px  
4px 4px #478C49; box-shadow:4px 4px 4px  
4px #478C49 }
```

Background

The CSS property to change the background color of an element to Hex 478C49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#478C49 }
```

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

```
.background{ background-color:#478C49 }
```

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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