

# Converting Colors

Hex(478E5C)

Have a look what the booklet for  
Hex(478E5C) contains.

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# Color

Hex(478E5C)

# Conversions

## Conversions Part 1

Format	Color
Hex	478E5C
RGB	71, 142, 92
RGB Percent	28%, 56%, 36%
CMY	0.7216, 0.4431, 0.6392
CMYK	0.50, 0.00, 0.35, 0.44
HSL	138°, 33%, 42%
HSV	138°, 50%, 56%
XYZ	14.2033, 21.4583, 13.5185
YIQ	115.0710, -26.2660, -30.6020

# Conversions

## Conversions Part 2

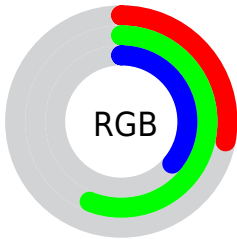
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 126, 142
Decimal	4689500
CIELab	53.45, -34.01, 19.96
CIELCh	53, 39.438, 149.590
Yxy	21.4583, 0.2888, 0.4363
Android (android.graphics.Color)	4282879580 (0xFF478E5C)
YUV	115.0710, -11.3740, -38.6503
Hunter-Lab	46.3231, -26.3349, 15.1236

# Details

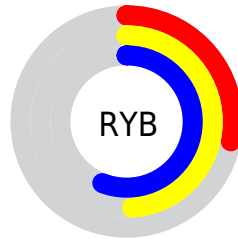
The Hex color **478E5C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8E4779**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **7CC48F**, and **0C5B2D** is the 20% darker color. If you saturate the color by 10%, you get **398E52**, and if you desaturate by 10%, it is **558E66**.

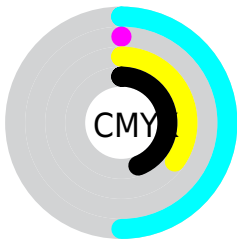
# Distribution



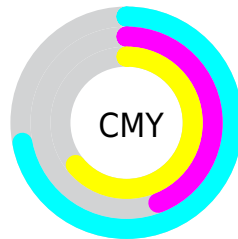
- Red (28%)
- Green (56%)
- Blue (36%)



- Red (28%)
- Yellow (49%)
- Blue (56%)



- Cyan (50%)
- Magenta (0%)
- Yellow (35%)
- Black (44%)



- Cyan (72%)
- Magenta (44%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 478E5C 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 478E5C by changing the saturation by 10% instead.



 478E5C

 478E5C

FFFFFF

 2C7444

 7CC48F

 0C5B2D

 97E0A9

 004318

 B3FDC5

 002C00

 CFFFE1

 001400

 ECFFFD

 000000

 478E5C

 478E5C

 398E52

 558E66

 2B8E48

 638E70

■ 1C8E3E

■ 728E7A

■ 0E8E34

■ 808E84

■ 008E2A

■ 8E8E8E

■ 9C8E98

■ AA8EA2

■ B98EAC

■ C78EB6

# Harmonies

## Analogous

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



728842



478E5C



00917E

# Triad

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



478E5C



4383C3



BE6760

# Complementary

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



478E5C



8E4779

# 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.



BD6382



478E5C



8177BB

# Square

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



478E5C



008CBA



A96AA3



AF7146

# Rectangle

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



478E5C



009195



A96AA3



C0646B



# Sweetspot

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



478E5C



9CB8A4



7A8E47



4B5C50



DBDBDB



5C5C5C



# Same Dimension

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



478E5C



49B86A



478E7F



404742



008728



000802



# Inverse Universe

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



8E4779



B84997



8E4756



474045



87005F



080005



# Previews

## White Background



This preview shows how the Hex color 478E5C looks on a white background.

## Color Contrast Check

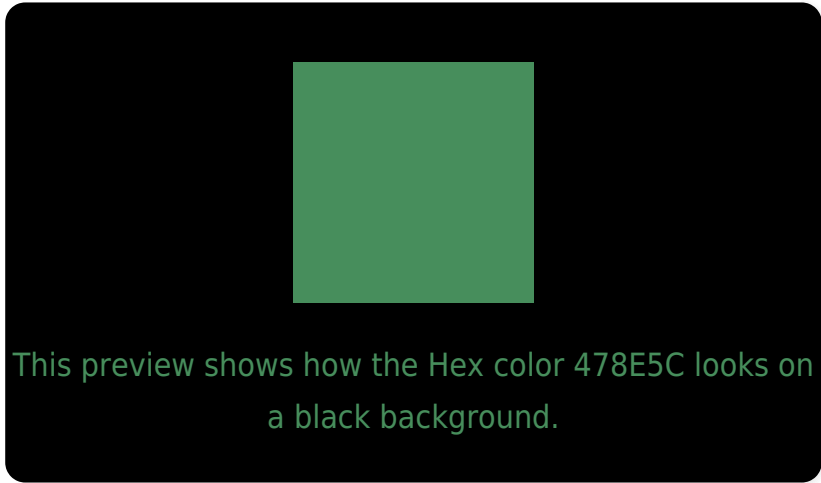
Large Text (above 18pt) WCAG AA ✓ Pass

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

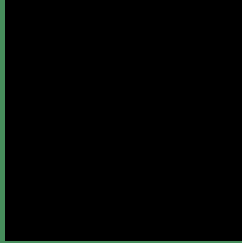
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 478E5C Background



This preview shows how black text looks on a background with the Hex color 478E5C.



This preview shows how white text looks on a background with the Hex color 478E5C.

# 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](#).

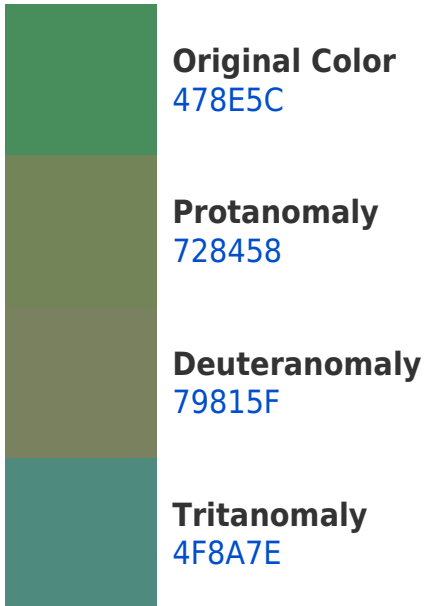
## Dichromacy



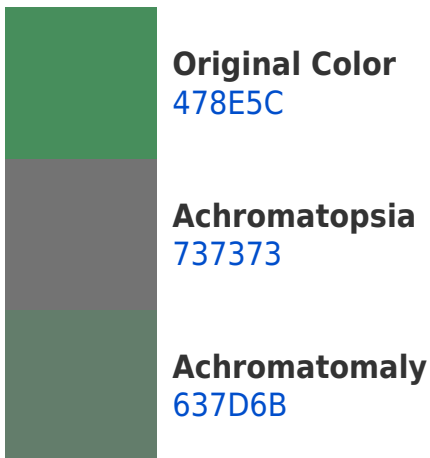


**Tritanopia**  
548792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 478E5C 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 #478E5C looks like.

```
.text, #text, p{  
    color:#478E5C  
}
```

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 #478E5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #478E5C
}
```

## Border

The CSS property to change the border of an element to Hex 478E5C 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".

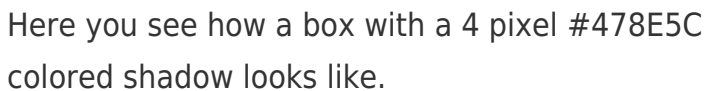
```
.border, #border, table{ border:4px solid
#478E5C }
```

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

```
.border{ border-color:#478E5C }
```

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

Here you see how a box with a 4 pixel #478E5C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #478E5C; -webkit-box-shadow:4px 4px  
4px 4px #478E5C; box-shadow:4px 4px 4px  
4px #478E5C }
```

# Background

The CSS property to change the background color of an element to Hex 478E5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#478E5C }
```

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

```
.background{ background-color:#478E5C }
```

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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