

# Converting Colors

Hex(478062)

Have a look what the booklet for  
Hex(478062) contains.

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# Color

Hex(478062)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	478062
RGB	71, 128, 98
RGB Percent	28%, 50%, 38%
CMY	0.7216, 0.4980, 0.6157
CMYK	0.45, 0.00, 0.23, 0.50
HSL	148°, 29%, 39%
HSV	148°, 45%, 50%
XYZ	12.5223, 17.6598, 14.3040
YIQ	107.5370, -24.3420, -21.4140

# Conversions

## Conversions Part 2

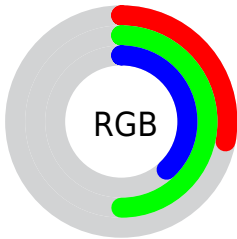
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 110, 128
Decimal	4685922
CIE <sub>Lab</sub>	49.08, -26.10, 10.54
CIE <sub>LCh</sub>	49, 28.147, 158.014
Yxy	17.6598, 0.2815, 0.3970
Android (android.graphics.Color)	4282876002 (0xFF478062)
YUV	107.5370, -4.7017, -32.0429
Hunter-Lab	42.0235, -20.3512, 9.2354

# Details

The Hex color **478062** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **804765**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **7AB595**, and **134E33** is the 20% darker color. If you saturate the color by 10%, you get **3A805B**, and if you desaturate by 10%, it is **548069**.

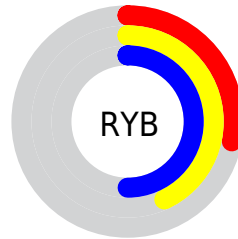
# Distribution



Red (28%)

Green (50%)

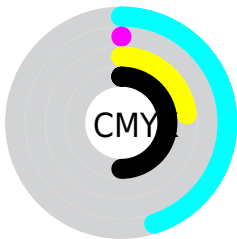
Blue (38%)



Red (28%)

Yellow (43%)

Blue (50%)

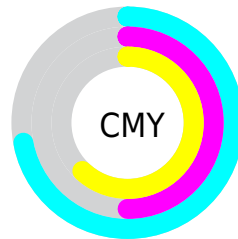


Cyan (45%)

Magenta (0%)

Yellow (23%)

Black (50%)



Cyan (72%)

Magenta (50%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 478062 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 478062 by changing the saturation by 10% instead.



 478062

 478062

FFFFFF

 2E674A

 7AB595

 134E33

 95D1AF

 00371E

 B0EDCB

 002206

 CCFFE7

 000000

 E9FFFF

 478062

 478062

 3A805B

 548069

 2D8055

 61806F

■ 21804E

■ 6D8076

■ 148047

■ 7A807D

■ 078040

■ 878084

■ 00803D

■ 94808A

■ A18091

■ AD8098

■ BA809F

# Harmonies

## Analogous

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



647C4E



478062



26817A

# Triad

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



478062



5D75A4



A16658

# Complementary

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



478062



804765

# 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.



A3626F



478062



806C9A

# Square

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



478062



347CA0



986587



936D49

# Rectangle

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



478062



13818A



986587



A3645F



# Sweetspot

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



478062



90A69A



658047



47544D



D4D4D4



545454



# Same Dimension

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



478062



4EA678



47807E



39403C



00803C



000000



# Inverse Universe

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



804765



A64E7C



804749



40393D



800043



000000



# Previews

## White Background



This preview shows how the Hex color 478062 looks on a white background.

## Color Contrast Check

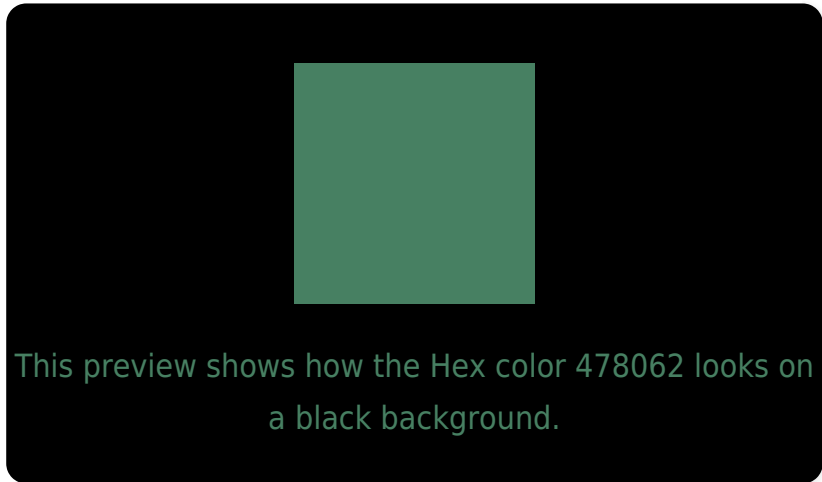
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

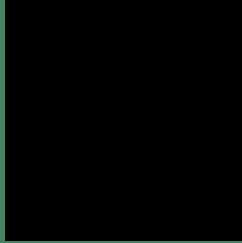
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 478062 Background



This preview shows how black text looks on a background with the Hex color 478062.

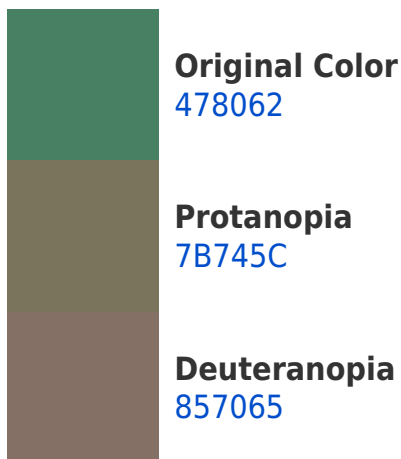


This preview shows how white text looks on a background with the Hex color 478062.

# 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**  
507B85

# Trichromacy



**Original Color**  
478062

**Protanomaly**  
68785E

**Deuteranomaly**  
6E7664

**Tritanomaly**  
4D7D78

# Monochromacy



**Original Color**  
478062

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
5F7368

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 478062 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 #478062 looks like.

```
.text, #text, p{  
    color:#478062  
}
```

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 #478062 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #478062  
}
```

## Border

The CSS property to change the border of an element to Hex 478062 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  
#478062 }
```

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

```
.border{ border-color:#478062 }
```

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

Here you see how a box with a 4 pixel #478062 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #478062; -webkit-box-shadow:4px 4px  
4px 4px #478062; box-shadow:4px 4px 4px  
4px #478062 }
```

# Background

The CSS property to change the background color of an element to Hex 478062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#478062 }
```

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

```
.background{ background-color:#478062 }
```

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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