

Converting Colors

Hex(478C6A)

Have a look what the booklet for
Hex(478C6A) contains.

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Color

Hex(478C6A)

Conversions

Conversions Part 1

Format	Color
Hex	478C6A
RGB	71, 140, 106
RGB Percent	28%, 55%, 42%
CMY	0.7216, 0.4510, 0.5843
CMYK	0.49, 0.00, 0.24, 0.45
HSL	150°, 33%, 41%
HSV	150°, 49%, 55%
XYZ	14.5781, 21.1364, 16.9470
YIQ	115.4930, -30.2100, -25.2020

Conversions

Conversions Part 2

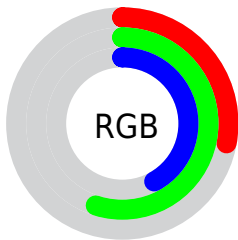
Format	Color
R_{YB}	71, 117, 140
Decimal	4689002
CIE _{Lab}	53.10, -30.19, 11.55
CIE _{LCh}	53, 32.329, 159.062
Yxy	21.1364, 0.2768, 0.4014
Android (android.graphics.Color)	4282879082 (0xFF478C6A)
YUV	115.4930, -4.6800, -39.0204
Hunter-Lab	45.9743, -23.8539, 10.3265

Details

The Hex color **478C6A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8C4769**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **7CC29D**, and **0D593B** is the 20% darker color. If you saturate the color by 10%, you get **398C63**, and if you desaturate by 10%, it is **558C71**.

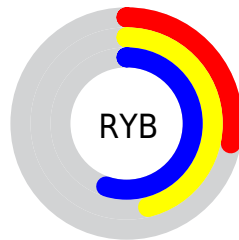
Distribution



Red (28%)

Green (55%)

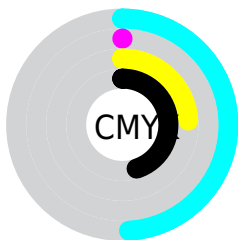
Blue (42%)



Red (28%)

Yellow (46%)

Blue (55%)

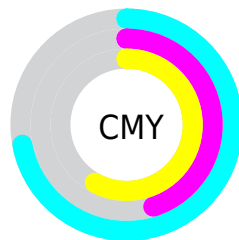


Cyan (49%)

Magenta (0%)

Yellow (24%)

Black (45%)



Cyan (72%)

Magenta (45%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 478C6A 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 478C6A by changing the saturation by 10% instead.

 478C6A

 478C6A

FFFFFF

 2C7252

 7CC29D

 0D593B

 97DEB8

 004125

 B2FBD4

 002B10

 CFFFF0

 001300

 EBFFFF

 000000

 478C6A

 478C6A

 398C63

 558C71

 2B8C5C

 638C78

■ 1D8C55

■ 718C7F

■ 0F8C4E

■ 7F8C86

■ 018C48

■ 8D8C8C

■ 008C47

■ 9B8C93

■ A98C9A

■ B78CA1

■ C58CA8

Harmonies

Analogous

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



6A8753



478C6A



178E87

Triad

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



478C6A



647FB5



B16D5D

Complementary

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



478C6A



8C4769

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.



B46977



478C6A



8D74AA

Square

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



478C6A



2E87B2



A86C93



A1764B

Rectangle

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



478C6A



008D99



A86C93



B46B65

Sweetspot

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



478C6A



9AB5A8



6A8C47



4B5C54



DBDBDB



5C5C5C

Same Dimension

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



478C6A



4AB580



478C8C



3E4541



008543



000503

Inverse Universe

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



8C4769



B54A7F



8C4747



453E41



850041



050003

Previews

White Background



This preview shows how the Hex color 478C6A looks on a white background.

Color Contrast Check

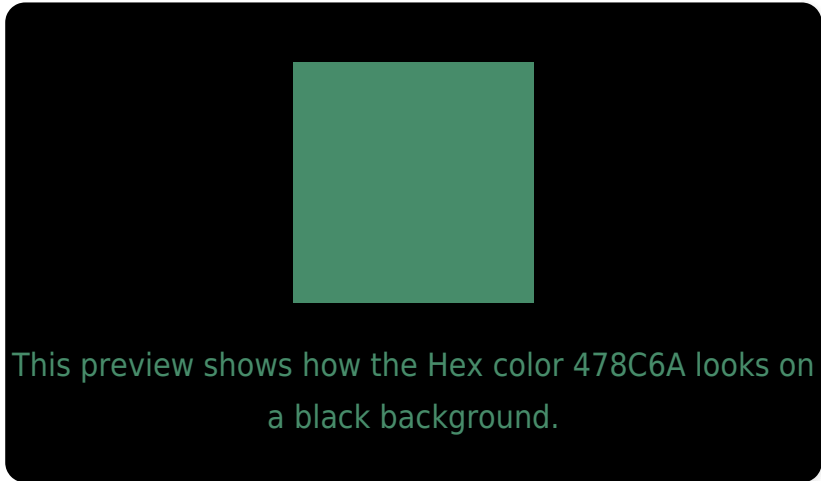
Large Text (above 18pt) WCAG AA ✓ Pass

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

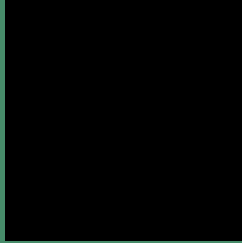
Any Text WCAG AA ✓ Pass

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 478C6A Background



This preview shows how black text looks on a background with the Hex color 478C6A.



This preview shows how white text looks on a background with the Hex color 478C6A.

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
478C6A

Protanopia
867E63

Deuteranopia
90796E

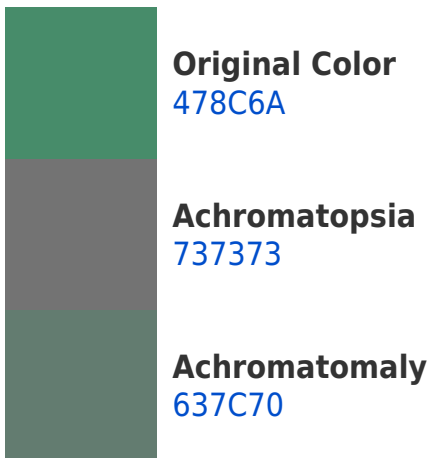


Tritanopia
528792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 478C6A 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 #478C6A looks like.

```
.text, #text, p{  
    color:#478C6A  
}
```

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 #478C6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #478C6A
}
```

Border

The CSS property to change the border of an element to Hex 478C6A 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
#478C6A }
```

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

```
.border{ border-color:#478C6A }
```

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

Here you see how a box with a 4 pixel #478C6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #478C6A; -webkit-box-shadow:4px 4px  
4px 4px #478C6A; box-shadow:4px 4px 4px  
4px #478C6A }
```

Background

The CSS property to change the background color of an element to Hex 478C6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#478C6A }
```

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

```
.background{ background-color:#478C6A }
```

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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