

Converting Colors

Hex(478699)

Have a look what the booklet for
Hex(478699) contains.

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Color

Hex(478699)

Conversions

Conversions Part 1

Format	Color
Hex	478699
RGB	71, 134, 153
RGB Percent	28%, 53%, 60%
CMY	0.7216, 0.4745, 0.4000
CMYK	0.54, 0.12, 0.00, 0.40
HSL	194°, 37%, 44%
HSV	194°, 54%, 60%
XYZ	16.8734, 20.6897, 33.2412
YIQ	117.3290, -43.6470, -7.4470

Conversions

Conversions Part 2

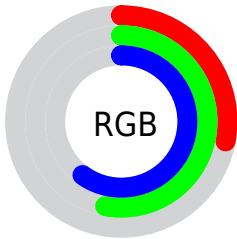
Format	Color
R_{YB}	71, 107, 153
Decimal	4687513
CIE _{Lab}	52.61, -14.71, -16.38
CIE _{LCh}	53, 22.017, 228.068
Yxy	20.6897, 0.2383, 0.2922
Android (android.graphics.Color)	4282877593 (0xFF478699)
YUV	117.3290, 17.5858, -40.6305
Hunter-Lab	45.4859, -13.3842, -11.4891

Details

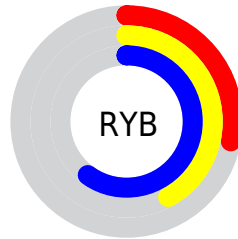
The Hex color **478699** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **995A47**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **7DBBCF**, and **035466** is the 20% darker color. If you saturate the color by 10%, you get **388299**, and if you desaturate by 10%, it is **568A99**.

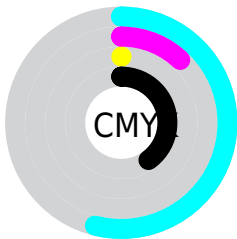
Distribution



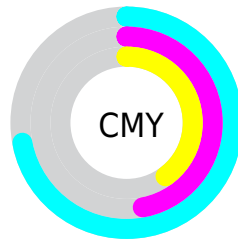
- Red (28%)
- Green (53%)
- Blue (60%)



- Red (28%)
- Yellow (42%)
- Blue (60%)



- Cyan (54%)
- Magenta (12%)
- Yellow (0%)
- Black (40%)



- Cyan (72%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 478699 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 478699 by changing the saturation by 10% instead.

 478699

 478699

FFFFFF

 2B6D7F

 7DBBCF

 035466

 99D7EC

 003D4E

 B5F4FF

 002737

 D2FFFF

 001222

 EFFFFFF

 000009

 000000

 478699

 478699

 388299

 568A99

■ 287F99

■ 668D99

■ 197B99

■ 759199

■ 0A7899

■ 849499

■ 007699

■ 939899

■ A39B99

■ B29F99

■ C1A299

■ D1A699

Harmonies

Analogous

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



458889



478699



5B82A2

Triad

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



478699



9E7086



7F8059

Complementary

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



478699



995A47

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.



927A59



478699



A47073

Square

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



478699



8E7597



9F7462



6A8564

Rectangle

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



478699



6D7EA3



9F7462



867E58

Sweetspot

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



478699



A7C0C7



479959



515F63



E3E3E3



636363

Same Dimension

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



478699



48A9C7



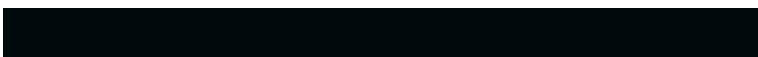
475E99



454B4D



006C8C



000A0D

Inverse Universe

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



994786



C748A9



998247



4D454B



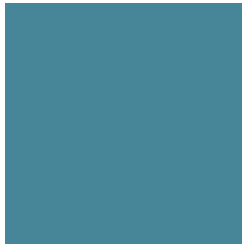
8C006C



0D000A

Previews

White Background



This preview shows how the Hex color 478699 looks on a white background.

Color Contrast Check

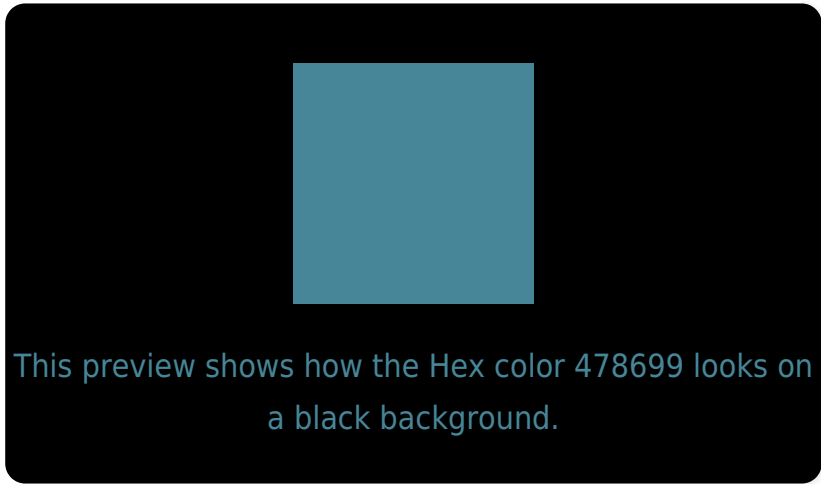
Large Text (above 18pt) WCAG AA ✓ Pass

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

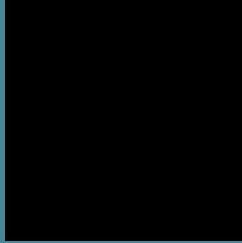
Any Text WCAG AA ✓ Pass

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 478699 Background



This preview shows how black text looks on a background with the Hex color 478699.

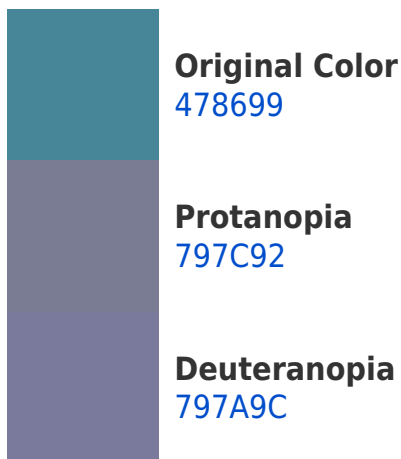


This preview shows how white text looks on a background with the Hex color 478699.

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](#).

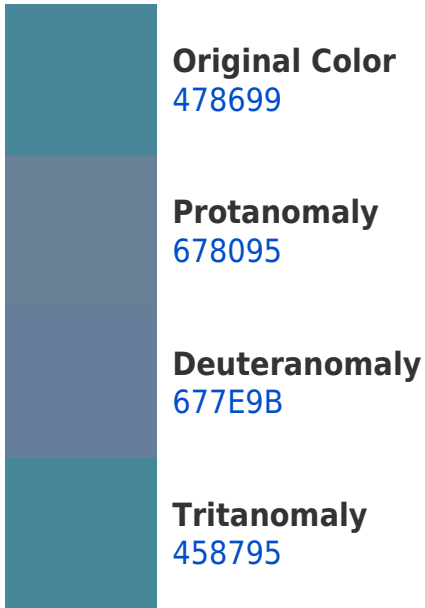
Dichromacy





Tritanopia
448792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 478699 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 #478699 looks like.

```
.text, #text, p{  
    color:#478699  
}
```

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 #478699 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #478699
}
```

Border

The CSS property to change the border of an element to Hex 478699 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
#478699 }
```

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

```
.border{ border-color:#478699 }
```

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

Here you see how a box with a 4 pixel #478699 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #478699; -webkit-box-shadow:4px 4px  
4px 4px #478699; box-shadow:4px 4px 4px  
4px #478699 }
```

Background

The CSS property to change the background color of an element to Hex 478699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#478699 }
```

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

```
.background{ background-color:#478699 }
```

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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