

Converting Colors

Hex(49478C)

Have a look what the booklet for
Hex(49478C) contains.

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Color

Hex(49478C)

Conversions

Conversions Part 1

Format	Color
Hex	49478C
RGB	73, 71, 140
RGB Percent	29%, 28%, 55%
CMY	0.7137, 0.7216, 0.4510
CMYK	0.48, 0.49, 0.00, 0.45
HSL	242°, 33%, 41%
HSV	242°, 49%, 55%
XYZ	9.7345, 7.8164, 25.8066
YIQ	79.4640, -20.9570, 21.8830

Conversions

Conversions Part 2

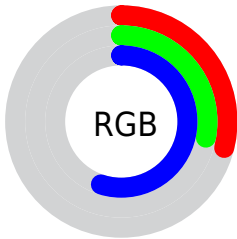
Format	Color
R_{YB}	73, 71, 140
Decimal	4802444
CIE _{Lab}	33.60, 20.15, -38.26
CIE _{LCh}	34, 43.242, 297.778
Yxy	7.8164, 0.2245, 0.1803
Android (android.graphics.Color)	4282992524 (0xFF49478C)
YUV	79.4640, 29.8442, -5.6689
Hunter-Lab	27.9578, 13.2250, -35.1574

Details

The Hex color **49478C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8A8C47**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7E77C2**, and **111C59** is the 20% darker color. If you saturate the color by 10%, you get **3B398C**, and if you desaturate by 10%, it is **57558C**.

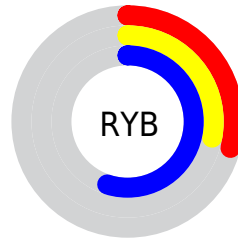
Distribution



Red (29%)

Green (28%)

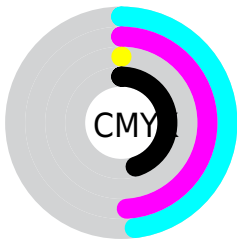
Blue (55%)



Red (29%)

Yellow (28%)

Blue (55%)

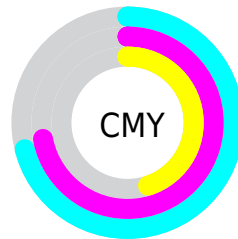


Cyan (48%)

Magenta (49%)

Yellow (0%)

Black (45%)



Cyan (71%)

Magenta (72%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49478C 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 49478C by changing the saturation by 10% instead.

■ 49478C

■ 49478C

FFFFFF

■ 2F3172

■ 7E77C2

■ 111C59

■ 9991DE

■ 000441

■ B4ACFB

■ 00032B

■ D1C7FF

■ 000115

■ EEE3FF

■ 000000

■ 49478C

■ 49478C

■ 3B398C

■ 57558C

■ 2E2B8C

■ 64638C

■ 201D8C

■ 72718C

■ 130F8C

■ 7F7F8C

■ 05018C

■ 8D8D8C

■ 04008C

■ 9B9B8C

■ A8A98C

■ B6B78C

■ C3C58C

Harmonies

Analogous

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



005494



49478C



763774

Triad

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



49478C



7B3F13



005F4B

Complementary

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



49478C



8A8C47

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.



015C28



49478C



624D00

Square

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



49478C



8A3131



405608



005F6E

Rectangle

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



49478C



852E5F



405608



005E3F

Sweetspot

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



49478C



9B9AB5



478B8C



4C4B5C



DBDBDB



5C5C5C

Same Dimension

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



49478C



4D4AB5



6B478C



3E3E45



040085



000005

Inverse Universe

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



8C478A



B54AB2



688C47



453E45



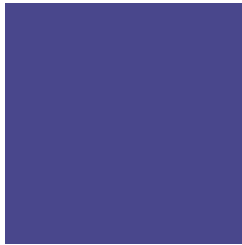
850081



050005

Previews

White Background



This preview shows how the Hex color 49478C looks on a white background.

Color Contrast Check

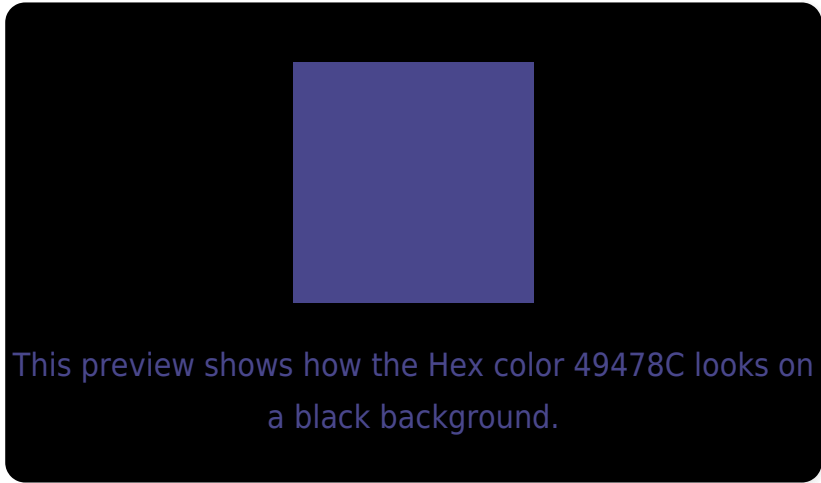
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

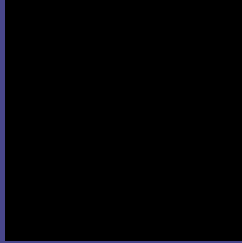
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 49478C Background



This preview shows how black text looks on a background with the Hex color 49478C.



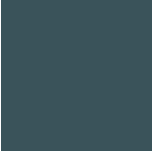
This preview shows how white text looks on a background with the Hex color 49478C.

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](#).

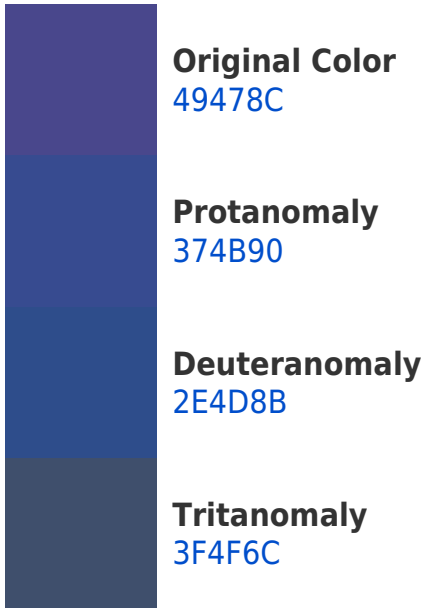
Dichromacy



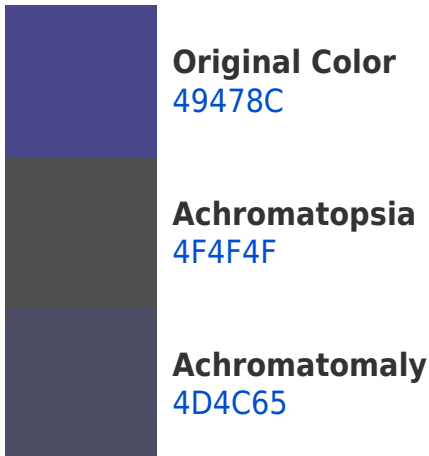


Tritanopia
3A535A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49478C 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 #49478C looks like.

```
.text, #text, p{  
    color:#49478C  
}
```

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 #49478C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49478C
}
```

Border

The CSS property to change the border of an element to Hex 49478C 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".

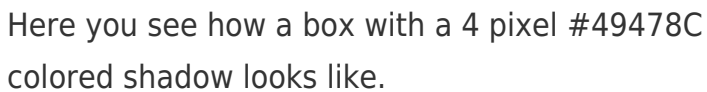
```
.border, #border, table{ border:4px solid
#49478C }
```

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

```
.border{ border-color:#49478C }
```

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

Here you see how a box with a 4 pixel #49478C colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49478C; -webkit-box-shadow:4px 4px  
4px 4px #49478C; box-shadow:4px 4px 4px  
4px #49478C }
```

Background

The CSS property to change the background color of an element to Hex 49478C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49478C }
```

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

```
.background{ background-color:#49478C }
```

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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