

Converting Colors

Hex(4C4872)

Have a look what the booklet for
Hex(4C4872) contains.

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Color

Hex(4C4872)

Conversions

Conversions Part 1

Format	Color
Hex	4C4872
RGB	76, 72, 114
RGB Percent	30%, 28%, 45%
CMY	0.7020, 0.7176, 0.5529
CMYK	0.33, 0.37, 0.00, 0.55
HSL	246°, 23%, 36%
HSV	246°, 37%, 45%
XYZ	8.3351, 7.3861, 16.9059
YIQ	77.9840, -11.0980, 13.9100

Conversions

Conversions Part 2

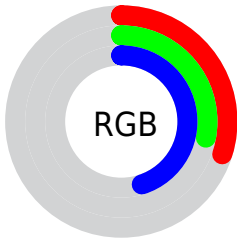
Format	Color
R_{YB}	76, 72, 114
Decimal	4999282
CIE _{Lab}	32.67, 12.35, -23.58
CIE _{LCh}	33, 26.622, 297.651
Yxy	7.3861, 0.2555, 0.2264
Android (android.graphics.Color)	4283189362 (0xFF4C4872)
YUV	77.9840, 17.7559, -1.7400
Hunter-Lab	27.1774, 7.1841, -17.8576

Details

The Hex color **4C4872** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6E7248**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7E78A6**, and **1D1D42** is the 20% darker color. If you saturate the color by 10%, you get **423D72**, and if you desaturate by 10%, it is **565372**.

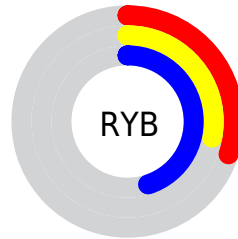
Distribution



Red (30%)

Green (28%)

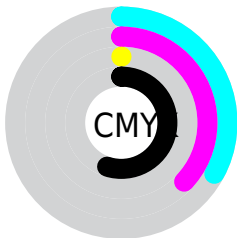
Blue (45%)



Red (30%)

Yellow (28%)

Blue (45%)

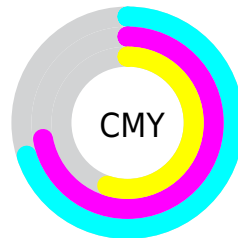


Cyan (33%)

Magenta (37%)

Yellow (0%)

Black (55%)



Cyan (70%)

Magenta (72%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4872 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 4C4872 by changing the saturation by 10% instead.

■ 4C4872

■ 4C4872

FFFFFF

■ 343259

■ 7E78A6

■ 1D1D42

■ 9892C1

■ 08032C

■ B4ADDD

■ 000116

■ CFC8FA

■ 000000

■ ECE4FF

■ 4C4872

■ 4C4872

■ 423D72

■ 565372

■ 373172

■ 615F72

■ 2D2672

■ 6B6A72

■ 231A72

■ 757672

■ 180F72

■ 808172

■ 0E0472

■ 8A8C72

■ 0B0072

■ 949872

■ 9FA372

■ A9AF72

Harmonies

Analogous

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



255077



4C4872



654064

Triad

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



4C4872



6B442A



00584A

Complementary

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



4C4872



6E7248

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.



2C5636



4C4872



5B4B22

Square

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



4C4872



743D3B



465126



005760

Rectangle

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



4C4872



703D56



465126



145743

Sweetspot

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



4C4872



858494



486F72



41404A



C9C9C9



4A4A4A

Same Dimension

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



4C4872



595394



604872



333238



0B0078



1800F7

Inverse Universe

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



72486E



94538E



5A7248



383238



78006C



F700E0

Previews

White Background



This preview shows how the Hex color 4C4872 looks on a white background.

Color Contrast Check

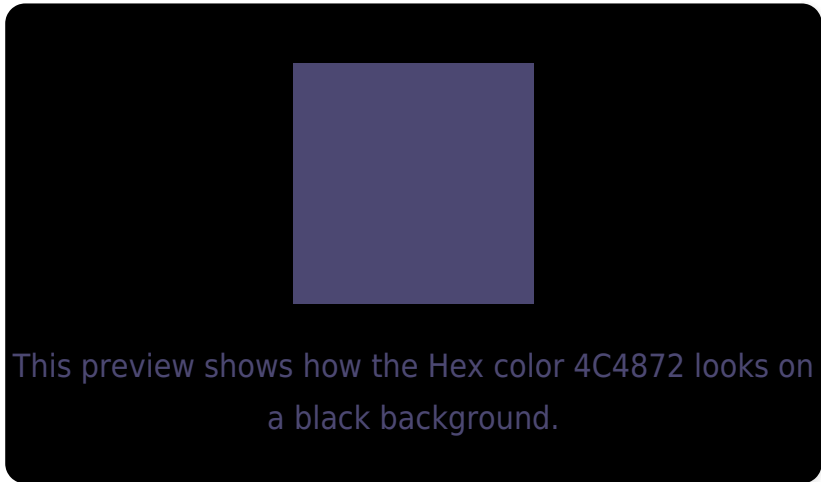
Large Text (above 18pt) WCAG AA ✓ Pass

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

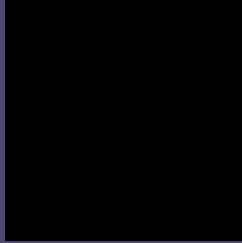
Any Text WCAG AA × Fail

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 4C4872 Background



This preview shows how black text looks on a background with the Hex color 4C4872.



This preview shows how white text looks on a background with the Hex color 4C4872.

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
4C4872

Protanopia
3E4B75

Deuteranopia
3D4C71



Tritanopia
464E54

Trichromacy



Original Color
4C4872

Protanomaly
434A74

Deuteranomaly
424B71

Tritanomaly
484C5F

Monochromacy



Original Color
4C4872

Achromatopsia
4E4E4E

Achromatomaly
4D4C5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4872 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 #4C4872 looks like.

```
.text, #text, p{  
    color:#4C4872  
}
```

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 #4C4872 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4872
}
```

Border

The CSS property to change the border of an element to Hex 4C4872 is called "border". The border property can be set on classes, ids or directly on the HTML element.

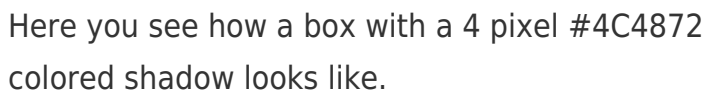
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C4872 }
```

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

```
.border{ border-color:#4C4872 }
```

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



Here you see how a box with a 4 pixel #4C4872 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4872; -webkit-box-shadow:4px 4px  
4px 4px #4C4872; box-shadow:4px 4px 4px  
4px #4C4872 }
```

Background

The CSS property to change the background color of an element to Hex 4C4872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4872 }
```

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

```
.background{ background-color:#4C4872 }
```

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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