

Converting Colors

Hex(49547C)

Have a look what the booklet for
Hex(49547C) contains.

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Color

Hex(49547C)

Conversions

Conversions Part 1

Format	Color
Hex	49547C
RGB	73, 84, 124
RGB Percent	29%, 33%, 49%
CMY	0.7137, 0.6706, 0.5137
CMYK	0.41, 0.32, 0.00, 0.51
HSL	227°, 26%, 39%
HSV	227°, 41%, 49%
XYZ	9.5561, 9.2124, 20.3433
YIQ	85.2710, -19.3960, 10.1080

Conversions

Conversions Part 2

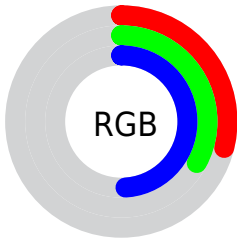
Format	Color
R_{YB}	73, 82, 124
Decimal	4805756
CIE Lab	36.39, 6.68, -24.01
CIE LCh	36, 24.920, 285.544
Yxy	9.2124, 0.2443, 0.2355
Android (android.graphics.Color)	4282995836 (0xFF49547C)
YUV	85.2710, 19.0934, -10.7617
Hunter-Lab	30.3519, 3.0837, -18.4927

Details

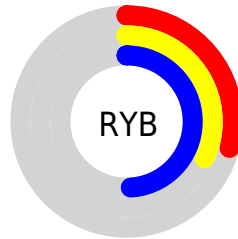
The Hex color **49547C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7C7149**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7C85B1**, and **18274B** is the 20% darker color. If you saturate the color by 10%, you get **3D4A7C**, and if you desaturate by 10%, it is **555E7C**.

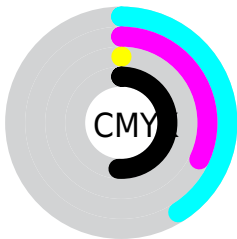
Distribution



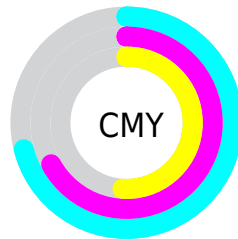
- Red (29%)
- Green (33%)
- Blue (49%)



- Red (29%)
- Yellow (32%)
- Blue (49%)



- Cyan (41%)
- Magenta (32%)
- Yellow (0%)
- Black (51%)



- Cyan (71%)
- Magenta (67%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49547C 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 49547C by changing the saturation by 10% instead.

■ 49547C

■ 49547C

FFFFFF

■ 313D63

■ 7C85B1

■ 18274B

■ 969FCC

■ 001334

■ B1BAE9

■ 00021F

■ CDD6FF

■ 000001

■ EAF2FF

■ 000000

■ 49547C

■ 49547C

■ 3D4A7C

■ 555E7C

■ 30417C

■ 62677C

■ 24377C

■ 6E717C

■ 172D7C

■ 7B7B7C

■ 0B237C

■ 87857C

■ 001B7C

■ 938E7C

■ A0987C

■ ACA27C

■ B9AC7C

Harmonies

Analogous

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



245A7C



49547C



654D72

Triad

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



49547C



784A3A



27604B

Complementary

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



49547C



7C7149

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.



425D39



49547C



6B512F

Square

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



49547C



7C464C



58582E



006060

Rectangle

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



49547C



724867



58582E



315F44

Sweetspot

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



49547C



8D92A1



497C71



464952



D1D1D1



525252

Same Dimension

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



49547C



5263A1



57497C



37383D



001B7D



0036FC

Inverse Universe

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



7C4954



A15263



6E7C49



3D3738



7D001B



FC0036

Previews

White Background



This preview shows how the Hex color 49547C looks on a white background.

Color Contrast Check

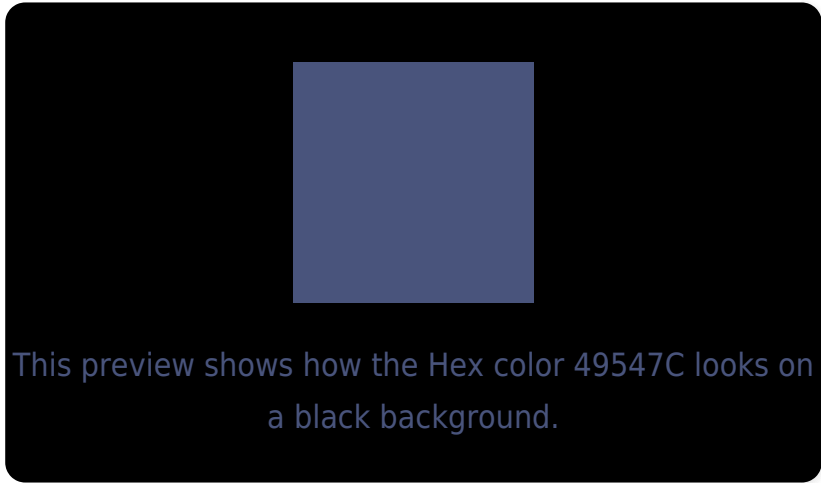
Large Text (above 18pt) WCAG AA ✓ Pass

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

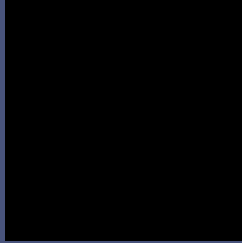
Any Text WCAG AA × Fail

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 49547C Background



This preview shows how black text looks on a background with the Hex color 49547C.

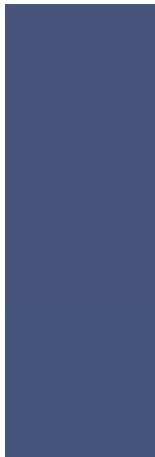


This preview shows how white text looks on a background with the Hex color 49547C.

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
49547C

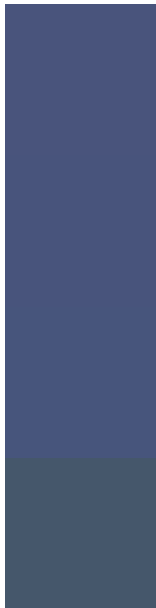
Protanopia
48547C

Deuteranopia
46557C



Tritanopia
425961

Trichromacy



Original Color
49547C

Protanomaly
48547C

Deuteranomaly
47557C

Tritanomaly
45576B

Monochromacy



Original Color
49547C

Achromatopsia
555555

Achromatomaly
515563

CSS Examples

Text

The CSS property to change the color of the text to Hex 49547C 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 #49547C looks like.

```
.text, #text, p{  
    color:#49547C  
}
```

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 #49547C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49547C
}
```

Border

The CSS property to change the border of an element to Hex 49547C is called "border". The border property can be set on classes, ids or directly on the HTML element.

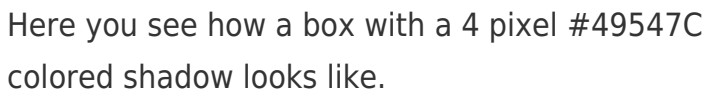
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49547C }
```

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

```
.border{ border-color:#49547C }
```

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



Here you see how a box with a 4 pixel #49547C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49547C; -webkit-box-shadow:4px 4px  
4px 4px #49547C; box-shadow:4px 4px 4px  
4px #49547C }
```

Background

The CSS property to change the background color of an element to Hex 49547C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49547C }
```

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

```
.background{ background-color:#49547C }
```

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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