

Converting Colors

Hex(49406C)

Have a look what the booklet for
Hex(49406C) contains.

Hex(49406C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(49406C)

Conversions

Conversions Part 1

Format	Color
Hex	49406C
RGB	73, 64, 108
RGB Percent	29%, 25%, 42%
CMY	0.7137, 0.7490, 0.5765
CMYK	0.32, 0.41, 0.00, 0.58
HSL	252°, 26%, 34%
HSV	252°, 41%, 42%
XYZ	7.2878, 6.1660, 14.9934
YIQ	71.7070, -8.7600, 15.5920

Conversions

Conversions Part 2

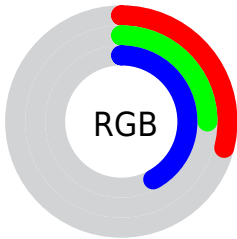
Format	Color
R_YB	73, 64, 108
Decimal	4800620
CIE Lab	29.83, 14.89, -24.27
CIE LCh	30, 28.468, 301.526
Yxy	6.1660, 0.2562, 0.2168
Android (android.graphics.Color)	4282990700 (0xFF49406C)
YUV	71.7070, 17.8924, 1.1340
Hunter-Lab	24.8314, 8.9335, -18.4179

Details

The Hex color **49406C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **636C40**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7B70A0**, and **1A153C** is the 20% darker color. If you saturate the color by 10%, you get **40356C**, and if you desaturate by 10%, it is **524B6C**.

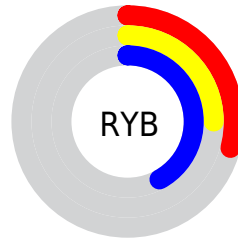
Distribution



Red (29%)

Green (25%)

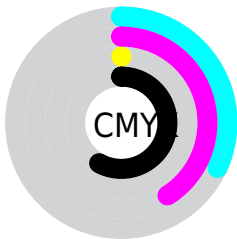
Blue (42%)



Red (29%)

Yellow (25%)

Blue (42%)

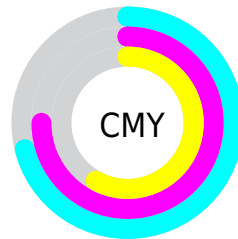


Cyan (32%)

Magenta (41%)

Yellow (0%)

Black (58%)



Cyan (71%)

Magenta (75%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49406C 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 49406C by changing the saturation by 10% instead.

■ 49406C

■ 49406C

FFFFFF

■ 312A54

■ 7B70A0

■ 1A153C

■ 9589BB

■ 060027

■ B0A4D7

■ 00010F

■ CCBFF3

■ 000000

■ E8DAFF

■ FFF7FF

■ 49406C

■ 49406C

■ 40356C

■ 524B6C

■ 382A6C

■ 5A566C

■ 2F206C

■ 63606C

■ 27156C

■ 6B6B6C

■ 1E0A6C

■ 74766C

■ 16006C

■ 7D816C

■ 858C6C

■ 8E966C

■ 96A16C

Harmonies

Analogous

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



1E4872



49406C



62385C

Triad

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



49406C



643D1F



005147

Complementary

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



49406C



636C40

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.



1E5030



49406C



524518

Square

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



49406C



6E3630



3B4C1F



00515D

Rectangle

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



49406C



6C344D



3B4C1F



00513F

Sweetspot

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



49406C



7F7B8C



40636C



3F3D47



C7C7C7



474747

Same Dimension

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



49406C



56488C



5F406C



313036



180075



3200F5

Inverse Universe

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



6C4063



8C487E



4D6C40



363034



75005D



F500C3

Previews

White Background



This preview shows how the Hex color 49406C looks on a white background.

Color Contrast Check

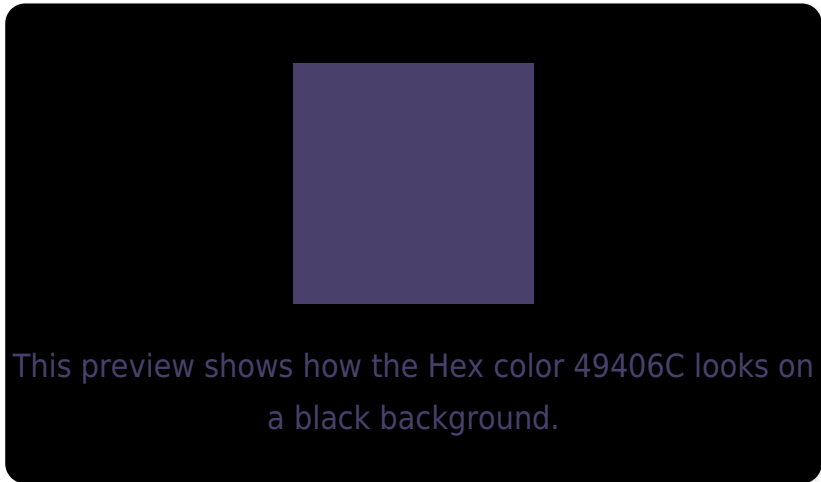
Large Text (above 18pt) WCAG AA ✓ Pass

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 49406C Background



This preview shows how black text looks on a background with the Hex color 49406C.



This preview shows how white text looks on a background with the Hex color 49406C.

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
49406C

Protanopia
364570

Deuteranopia
35466B



Tritanopia
42474C

Trichromacy



Original Color
49406C

Protanomaly
3D436F

Deuteranomaly
3C446B

Tritanomaly
454458

Monochromacy



Original Color
49406C

Achromatopsia
484848

Achromatomaly
484555

CSS Examples

Text

The CSS property to change the color of the text to Hex 49406C 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 #49406C looks like.

```
.text, #text, p{  
    color:#49406C  
}
```

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 #49406C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49406C  
}
```

Border

The CSS property to change the border of an element to Hex 49406C is called "border". The border property can be set on classes, ids or directly on the HTML element.

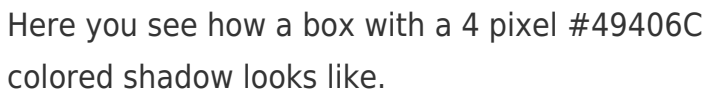
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#49406C }
```

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

```
.border{ border-color:#49406C }
```

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



Here you see how a box with a 4 pixel #49406C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49406C; -webkit-box-shadow:4px 4px  
4px 4px #49406C; box-shadow:4px 4px 4px  
4px #49406C }
```

Background

The CSS property to change the background color of an element to Hex 49406C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49406C }
```

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

```
.background{ background-color:#49406C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor