

Converting Colors

Hex(49506C)

Have a look what the booklet for
Hex(49506C) contains.

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Color

Hex(49506C)

Conversions

Conversions Part 1

Format	Color
Hex	49506C
RGB	73, 80, 108
RGB Percent	29%, 31%, 42%
CMY	0.7137, 0.6863, 0.5765
CMYK	0.32, 0.26, 0.00, 0.58
HSL	228°, 19%, 35%
HSV	228°, 32%, 42%
XYZ	8.3231, 8.2365, 15.3385
YIQ	81.0990, -13.1600, 7.2240

Conversions

Conversions Part 2

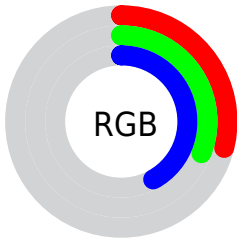
Format	Color
R_{YB}	73, 79, 108
Decimal	4804716
CIE Lab	34.47, 4.49, -17.05
CIE LCh	34, 17.627, 284.749
Yxy	8.2365, 0.2609, 0.2582
Android (android.graphics.Color)	4282994796 (0xFF49506C)
YUV	81.0990, 13.2622, -7.1028
Hunter-Lab	28.6993, 1.5430, -11.5983

Details

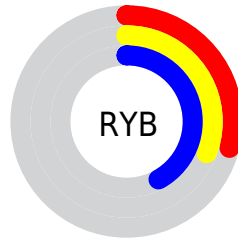
The Hex color **49506C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6C6549**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7B81A0**, and **1B243C** is the 20% darker color. If you saturate the color by 10%, you get **3E476C**, and if you desaturate by 10%, it is **54596C**.

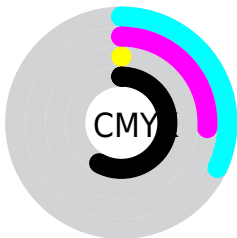
Distribution



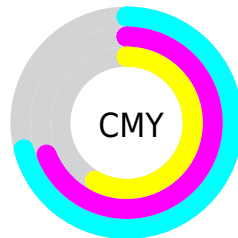
- Red (29%)
- Green (31%)
- Blue (42%)



- Red (29%)
- Yellow (31%)
- Blue (42%)



- Cyan (32%)
- Magenta (26%)
- Yellow (0%)
- Black (58%)



- Cyan (71%)
- Magenta (69%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49506C 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 49506C by changing the saturation by 10% instead.



49506C



49506C

FFFFFF



323954



7B81A0



1B243C



959BBB



050E27



B0B6D6



000111



CBD1F3



000000



E7EEFF



49506C



49506C



3E476C



54596C



333F6C



5F616C

■ 29366C

■ 696A6C

■ 1E2D6C

■ 74736C

■ 13256C

■ 7F7B6C

■ 081C6C

■ 8A846C

■ 00166C

■ 958C6C

■ 9F956C

■ AA9E6C

Harmonies

Analogous

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



34556C



49506C



5C4B65

Triad

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



49506C



6A493E



345849

Complementary

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



49506C



6C6549

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.



44563D



49506C



614E36

Square

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



49506C



6D474B



545236



275958

Rectangle

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



49506C



65485D



545236



395845

Sweetspot

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



49506C



7E818C



496C65



3F4147



C7C7C7



474747

Same Dimension

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



49506C



56608C



53496C



303136



001775



0031F5

Inverse Universe

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



6C4950



8C5660



626C49



363031



750017



F50031

Previews

White Background



This preview shows how the Hex color 49506C looks on a white background.

Color Contrast Check

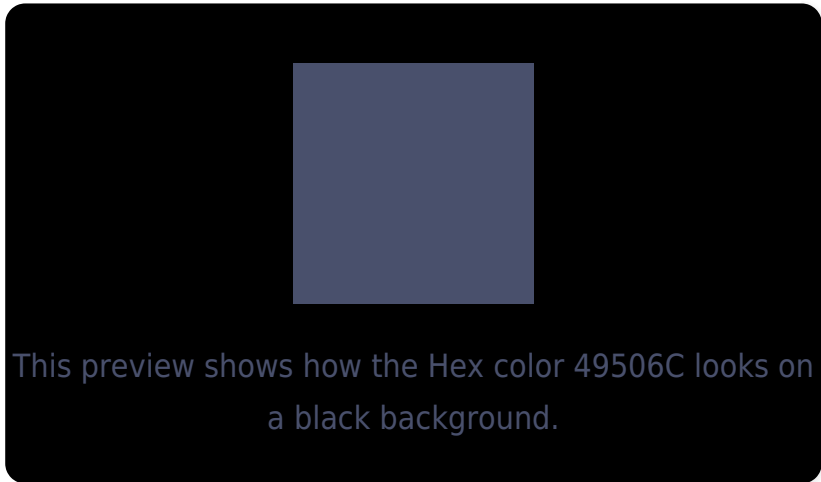
Large Text (above 18pt) WCAG AA ✓ Pass

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

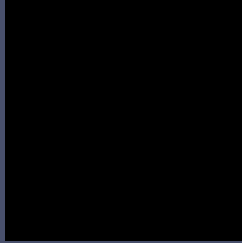
Any Text WCAG AA × Fail

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 49506C Background



This preview shows how black text looks on a background with the Hex color 49506C.

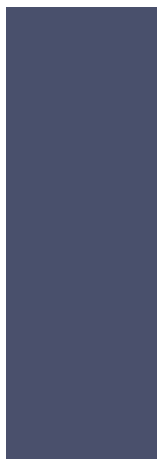


This preview shows how white text looks on a background with the Hex color 49506C.

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](#).

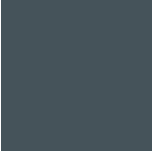
Dichromacy



Original Color
49506C

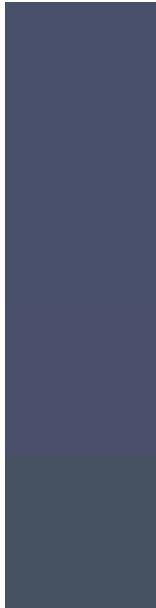
Protanopia
49506C

Deuteranopia
4A506C



Tritanopia
45535A

Trichromacy



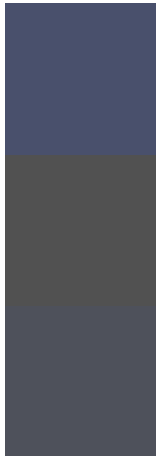
Original Color
49506C

Protanomaly
49506C

Deuteranomaly
4A506C

Tritanomaly
465261

Monochromacy



Original Color
49506C

Achromatopsia
515151

Achromatomaly
4E515B

CSS Examples

Text

The CSS property to change the color of the text to Hex 49506C 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 #49506C looks like.

```
.text, #text, p{  
    color:#49506C  
}
```

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 #49506C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49506C
}
```

Border

The CSS property to change the border of an element to Hex 49506C is called "border". The border property can be set on classes, ids or directly on the HTML element.

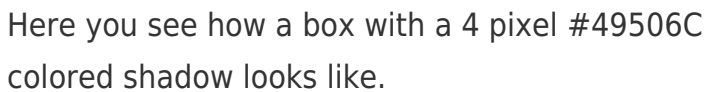
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49506C }
```

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

```
.border{ border-color:#49506C }
```

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



Here you see how a box with a 4 pixel #49506C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49506C; -webkit-box-shadow:4px 4px  
4px 4px #49506C; box-shadow:4px 4px 4px  
4px #49506C }
```

Background

The CSS property to change the background color of an element to Hex 49506C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49506C }
```

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

```
.background{ background-color:#49506C }
```

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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