

Converting Colors

Hex(49416E)

Have a look what the booklet for
Hex(49416E) contains.

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Color

Hex(49416E)

Conversions

Conversions Part 1

Format	Color
Hex	49416E
RGB	73, 65, 110
RGB Percent	29%, 25%, 43%
CMY	0.7137, 0.7451, 0.5686
CMYK	0.34, 0.41, 0.00, 0.57
HSL	251°, 26%, 34%
HSV	251°, 41%, 43%
XYZ	7.4524, 6.3228, 15.5795
YIQ	72.5220, -9.6770, 15.6910

Conversions

Conversions Part 2

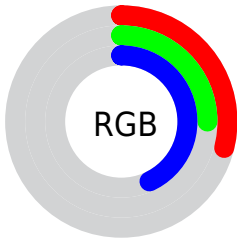
Format	Color
R_{YB}	73, 65, 110
Decimal	4800878
CIE Lab	30.21, 14.81, -24.93
CIE LCh	30, 28.998, 300.716
Yxy	6.3228, 0.2539, 0.2154
Android (android.graphics.Color)	4282990958 (0xFF49416E)
YUV	72.5220, 18.4767, 0.4192
Hunter-Lab	25.1453, 8.8986, -19.1332

Details

The Hex color **49416E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **666E41**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7B71A2**, and **1A163E** is the 20% darker color. If you saturate the color by 10%, you get **40366E**, and if you desaturate by 10%, it is **524C6E**.

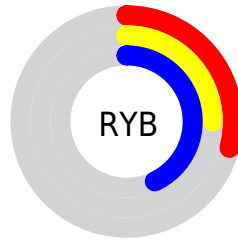
Distribution



Red (29%)

Green (25%)

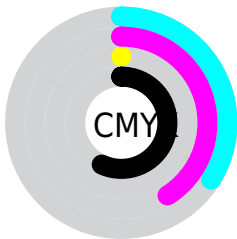
Blue (43%)



Red (29%)

Yellow (25%)

Blue (43%)

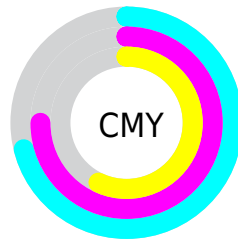


Cyan (34%)

Magenta (41%)

Yellow (0%)

Black (57%)



Cyan (71%)

Magenta (75%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49416E 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 49416E by changing the saturation by 10% instead.

■ 49416E

■ 49416E

FFFFFF

■ 312B55

■ 7B71A2

■ 1A163E

■ 958ABD

■ 070028

■ B0A5D9

■ 000112

■ CCC0F5

■ 000000

■ E8DCFF

■ FFF8FF

■ 49416E

■ 49416E

■ 40366E

■ 524C6E

■ 372B6E

■ 5B576E

■ 2E206E

■ 64626E

■ 25156E

■ 6D6D6E

■ 1C0A6E

■ 76786E

■ 14006E

■ 7F836E

■ 888E6E

■ 91996E

■ 9AA46E

Harmonies

Analogous

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



1C4974



49416E



63385E

Triad

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



49416E



653E20



005247

Complementary

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



49416E



666E41

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.



1E5130



49416E



544618

Square

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



49416E



703631



3D4D1F



00525E

Rectangle

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



49416E



6D344F



3D4D1F



00523F

Sweetspot

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



49416E



817E8F



41666E



3F3D47



C7C7C7



474747

Same Dimension

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



49416E



55498F



5F416E



333238



150078



2C00F7

Inverse Universe

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



6E4166



8F4982



506E41



383237



780063



F700CB

Previews

White Background



This preview shows how the Hex color 49416E looks on a white background.

Color Contrast Check

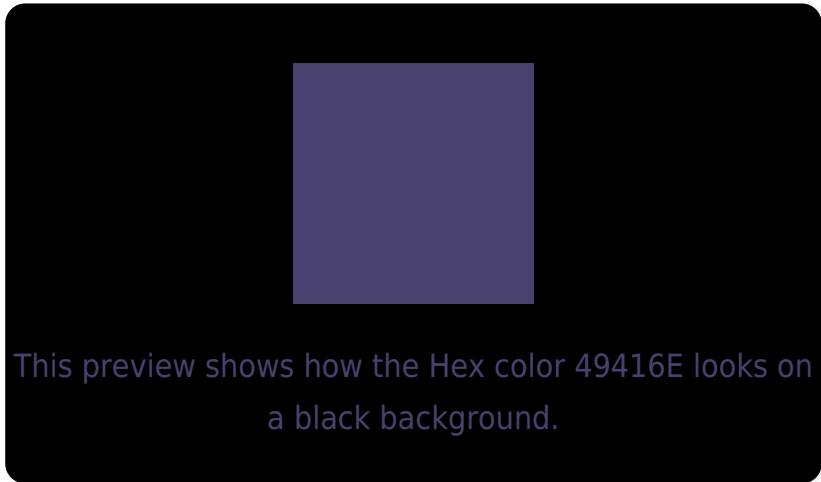
Large Text (above 18pt) WCAG AA ✓ Pass

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

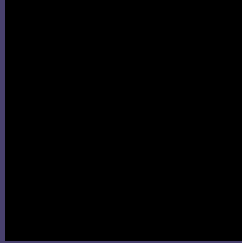
Any Text WCAG AA × Fail

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 49416E Background



This preview shows how black text looks on a background with the Hex color 49416E.



This preview shows how white text looks on a background with the Hex color 49416E.

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
49416E

Protanopia
364672

Deuteranopia
35476D



Tritanopia
42484E

Trichromacy



Original Color
49416E

Protanomaly
3D4471

Deuteranomaly
3C456D

Tritanomaly
45455A

Monochromacy



Original Color
49416E

Achromatopsia
494949

Achromatomaly
494656

CSS Examples

Text

The CSS property to change the color of the text to Hex 49416E 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 #49416E looks like.

```
.text, #text, p{  
    color:#49416E  
}
```

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 #49416E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49416E
}
```

Border

The CSS property to change the border of an element to Hex 49416E is called "border". The border property can be set on classes, ids or directly on the HTML element.

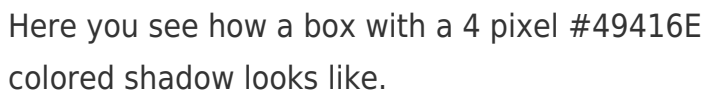
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49416E }
```

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

```
.border{ border-color:#49416E }
```

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



Here you see how a box with a 4 pixel #49416E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49416E; -webkit-box-shadow:4px 4px  
4px 4px #49416E; box-shadow:4px 4px 4px  
4px #49416E }
```

Background

The CSS property to change the background color of an element to Hex 49416E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49416E }
```

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

```
.background{ background-color:#49416E }
```

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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