

Converting Colors

Hex(49006A)

Have a look what the booklet for
Hex(49006A) contains.

Hex(49006A)	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(49006A)

Conversions

Conversions Part 1

Format	Color
Hex	49006A
RGB	73, 0, 106
RGB Percent	29%, 0%, 42%
CMY	0.7137, 1.0000, 0.5843
CMYK	0.31, 1.00, 0.00, 0.58
HSL	281°, 100%, 21%
HSV	281°, 100%, 42%
XYZ	5.3492, 2.4571, 13.8280
YIQ	33.9110, 9.4820, 48.4420

Conversions

Conversions Part 2

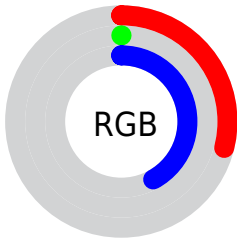
Format	Color
R_{YB}	73, 0, 106
Decimal	4784234
CIE _{Lab}	17.72, 46.25, -42.39
CIE _{LCh}	18, 62.736, 317.497
Yxy	2.4571, 0.2473, 0.1136
Android (android.graphics.Color)	4282974314 (0xFF49006A)
YUV	33.9110, 35.5399, 34.2811
Hunter-Lab	15.6751, 33.4824, -41.3311

Details

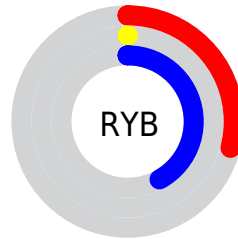
The Hex color **49006A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **216A00**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **7E3A9E**, and **18003A** is the 20% darker color. If you saturate the color by 10%, you get **49006A**, and if you desaturate by 10%, it is **4C0B6A**.

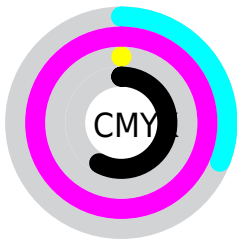
Distribution



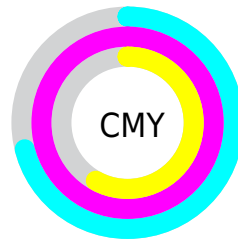
- Red (29%)
- Green (0%)
- Blue (42%)



- Red (29%)
- Yellow (0%)
- Blue (42%)



- Cyan (31%)
- Magenta (100%)
- Yellow (0%)
- Black (58%)



- Cyan (71%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49006A 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 49006A by changing the saturation by 10% instead.

 49006A

 49006A

 FFF8FF

 2F0051

 7E3A9E

 18003A

 9953B9

 000223

 B56DD5

 00000A

 D288F2

 000000

 EFA3FF

 FFBEFF

 FFDBFF

 49006A

 4C0B6A

 50156A

 53206A

 562A6A

 5A356A

 5D406A

 604A6A

 63556A

 675F6A

Harmonies

Analogous

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



002A85



49006A



6E0040

Triad

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



49006A



462300



003C46

Complementary

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



49006A



216A00

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.



003A16



49006A



1D3100

Square

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



49006A



630000



003800



003C6F

Rectangle

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



49006A



740023



003800



003B36

Sweetspot

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



49006A



7D608A



00226A



3D2C45



C4C4C4



454545

Same Dimension

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



49006A



5F008A



6A0057



343036



510075



A900F5

Inverse Universe

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



6A0021



8A002B



006A13



363032



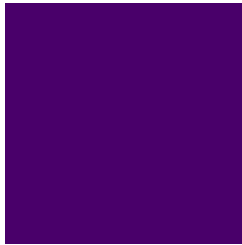
750025



F5004C

Previews

White Background



This preview shows how the Hex color 49006A looks on a white background.

Color Contrast Check

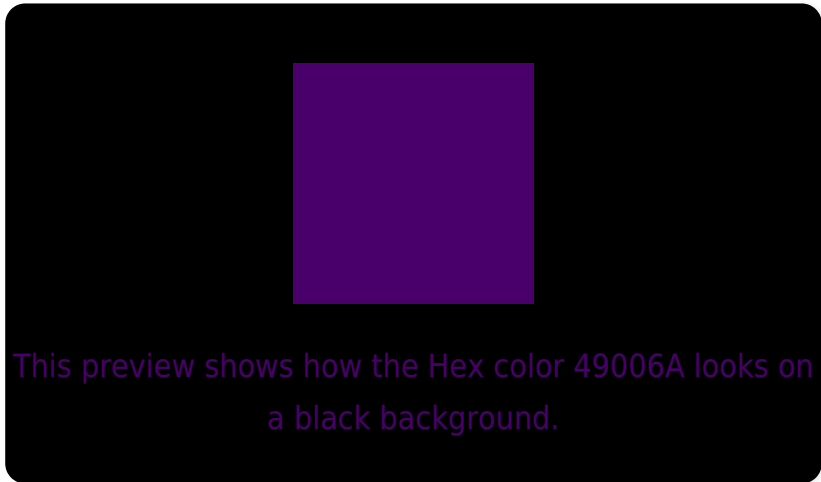
Large Text (above 18pt) WCAG AA ✓ Pass

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

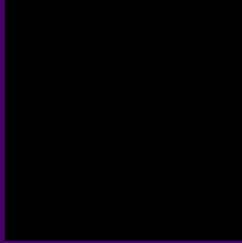
Any Text WCAG AA × Fail

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 49006A Background



This preview shows how black text looks on a background with the Hex color 49006A.



This preview shows how white text looks on a background with the Hex color 49006A.

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
49006A

Protanopia
002E60

Deuteranopia
003153



Tritanopia
3E292D

Trichromacy



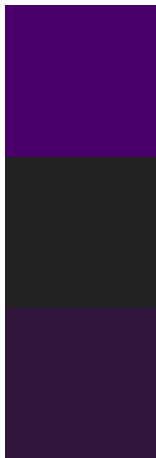
Original Color
49006A

Protanomaly
1B1D64

Deuteranomaly
1B1F5B

Tritanomaly
421A43

Monochromacy



Original Color
49006A

Achromatopsia
222222

Achromatomaly
30163C

CSS Examples

Text

The CSS property to change the color of the text to Hex 49006A 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 #49006A looks like.

```
.text, #text, p{  
    color:#49006A  
}
```

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 #49006A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49006A
}
```

Border

The CSS property to change the border of an element to Hex 49006A is called "border". The border property can be set on classes, ids or directly on the HTML element.

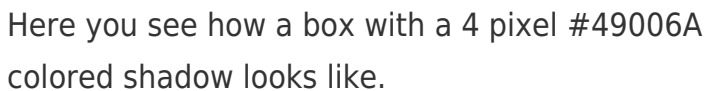
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49006A }
```

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

```
.border{ border-color:#49006A }
```

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



Here you see how a box with a 4 pixel #49006A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49006A; -webkit-box-shadow:4px 4px  
4px 4px #49006A; box-shadow:4px 4px 4px  
4px #49006A }
```

Background

The CSS property to change the background color of an element to Hex 49006A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49006A }
```

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

```
.background{ background-color:#49006A }
```

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