

# Converting Colors

Hex(49A403)

Have a look what the booklet for  
Hex(49A403) contains.

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**Color**

**Hex(49A403)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	49A403
RGB	73, 164, 3
RGB Percent	29%, 64%, 1%
CMY	0.7137, 0.3569, 0.9882
CMYK	0.55, 0.00, 0.98, 0.36
HSL	94°, 96%, 33%
HSV	94°, 98%, 64%
XYZ	16.0395, 27.9740, 4.6403
YIQ	118.4370, -2.5550, -69.3630

# Conversions

## Conversions Part 2

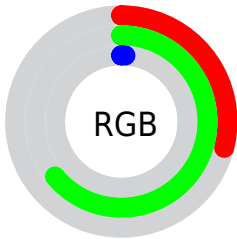
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 164, 94
Decimal	4826115
CIE <sub>Lab</sub>	59.87, -50.70, 60.94
CIE <sub>LCh</sub>	60, 79.275, 129.758
Yxy	27.9740, 0.3297, 0.5750
Android (android.graphics.Color)	4283016195 (0xFF49A403)
YUV	118.4370, -56.9104, -39.8482
Hunter-Lab	52.8904, -38.4263, 31.8215

# Details

The Hex color **49A403** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5E03A4**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **84DC4A**, and **006F00** is the 20% darker color. If you saturate the color by 10%, you get **47A400**, and if you desaturate by 10%, it is **52A413**.

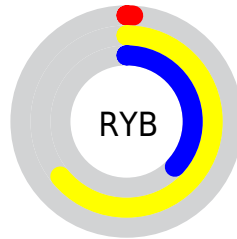
# Distribution



Red (29%)

Green (64%)

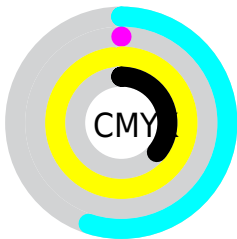
Blue (1%)



Red (1%)

Yellow (64%)

Blue (37%)

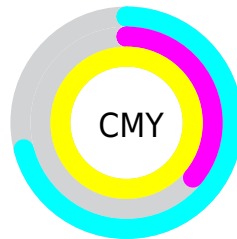


Cyan (55%)

Magenta (0%)

Yellow (98%)

Black (36%)



Cyan (71%)

Magenta (36%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49A403 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 49A403 by changing the saturation by 10% instead.



 49A403

 49A403

FFFFFF

 288900

 84DC4A

 006F00

 A0F966

 005600

 BEFF81

 003D00

 DBFF9D

 002800

 F9FFB9

 000000

 FFFFD6

 FFFFF3

 49A403

 49A403

■ 47A400

■ 52A413

■ 5CA424

■ 65A434

■ 6EA445

■ 77A455

■ 81A465

■ 8AA476

■ 93A486

■ 9CA497

# Harmonies

## Analogous

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



999500



49A403



00AC5D

# Triad

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



49A403



00A5FF



FF3B7D

# Complementary

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



49A403



5E03A4

# 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.



F34BC2



49A403



0092FF

# Square

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



49A403



00ADE9



AD72FD



FC5839

# Rectangle

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



49A403



00AE8E



AD72FD



FF3B94



# Sweetspot

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



49A403



B3D698



A45C03



566B46



EBEBEB



6B6B6B



# Same Dimension

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



49A403



5DD600



03A40B



4D5249



3F9100



081200



# Inverse Universe

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



5E03A4



7900D6



A4039C



4E4952



520091



0A0012



# Previews

## White Background



This preview shows how the Hex color 49A403 looks on a white background.

## Color Contrast Check

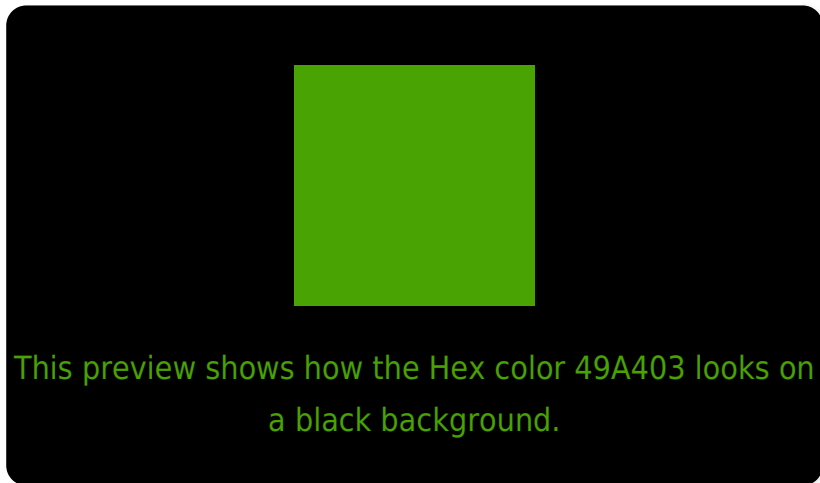
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 49A403 Background



This preview shows how black text looks on a background with the Hex color 49A403.



This preview shows how white text looks on a background with the Hex color 49A403.

# 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**  
49A403

**Protanopia**  
A29000

**Deuteranopia**  
B48822



**Tritanopia**  
6198A5

# Trichromacy



**Original Color**  
49A403



**Protanomaly**  
829701



**Deuteranomaly**  
8D9217



**Tritanomaly**  
589C6A

# Monochromacy



**Original Color**  
49A403



**Achromatopsia**  
767676



**Achromatomaly**  
66874C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49A403 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 #49A403 looks like.

```
.text, #text, p{  
    color:#49A403  
}
```

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 #49A403 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49A403  
}
```

## Border

The CSS property to change the border of an element to Hex 49A403 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  
#49A403 }
```

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

```
.border{ border-color:#49A403 }
```

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

Here you see how a box with a 4 pixel #49A403 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49A403; -webkit-box-shadow:4px 4px  
4px 4px #49A403; box-shadow:4px 4px 4px  
4px #49A403 }
```

# Background

The CSS property to change the background color of an element to Hex 49A403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49A403 }
```

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

```
.background{ background-color:#49A403 }
```

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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