

# Converting Colors

Hex(449A32)

Have a look what the booklet for  
Hex(449A32) contains.

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**Color**

**Hex(449A32)**

# Conversions

## Conversions Part 1

Format	Color
Hex	449A32
RGB	68, 154, 50
RGB Percent	27%, 60%, 20%
CMY	0.7333, 0.3961, 0.8039
CMYK	0.56, 0.00, 0.68, 0.40
HSL	110°, 51%, 40%
HSV	110°, 68%, 60%
XYZ	14.5152, 24.5704, 6.9951
YIQ	116.4300, -17.8720, -50.5760

# Conversions

## Conversions Part 2

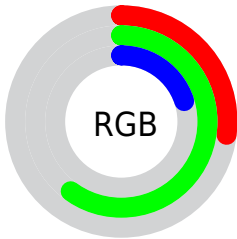
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 154, 136
Decimal	4495922
CIELab	56.65, -45.91, 45.16
CIELCh	57, 64.400, 135.467
Yxy	24.5704, 0.3150, 0.5332
Android (android.graphics.Color)	4282686002 (0xFF449A32)
YUV	116.4300, -32.7500, -42.4731
Hunter-Lab	49.5686, -34.4747, 26.3310

# Details

The Hex color **449A32** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **88329A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **7CD165**, and **006600** is the 20% darker color. If you saturate the color by 10%, you get **379A23**, and if you desaturate by 10%, it is **519A41**.

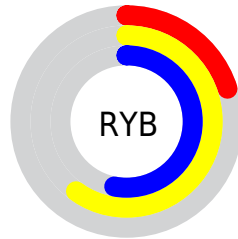
# Distribution



Red (27%)

Green (60%)

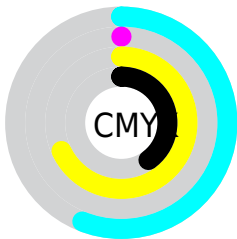
Blue (20%)



Red (20%)

Yellow (60%)

Blue (53%)

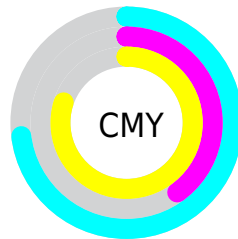


Cyan (56%)

Magenta (0%)

Yellow (68%)

Black (40%)



Cyan (73%)

Magenta (40%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 449A32 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 449A32 by changing the saturation by 10% instead.





449A32



449A32

FFFFFF



257F17



7CD165



006600



98EE80



004D00



B5FF9B



003500



D2FFB6



001F00



EFFFD2



000000



FFFFEF



449A32



449A32



379A23



519A41

■ 2B9A13

■ 5D9A51

■ 1E9A04

■ 6A9A60

■ 1B9A00

■ 779A70

■ 849A7F

■ 909A8E

■ 9D9A9E

■ AA9AAD

■ B79ABD

# Harmonies

## Analogous

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



878E00



449A32



00A06A

# Triad

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



449A32



0096F5



EC4F6D

# Complementary

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



449A32



88329A

# 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.



DF53A6



449A32



4884F5

# Square

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



449A32



009FD7



AF6BD7



DD6339

# Rectangle

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



449A32



00A291



AF6BD7



EB4D80



# Sweetspot

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



449A32



A8C9A1



9A8732



52664E



E6E6E6



666666



# Same Dimension

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



449A32



43C926



329A53



464D45



188C00



020D00



# Inverse Universe

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



88329A



AD26C9



9A3279



4B454D



74008C



0B000D



# Previews

## White Background



This preview shows how the Hex color 449A32 looks on a white background.

## Color Contrast Check

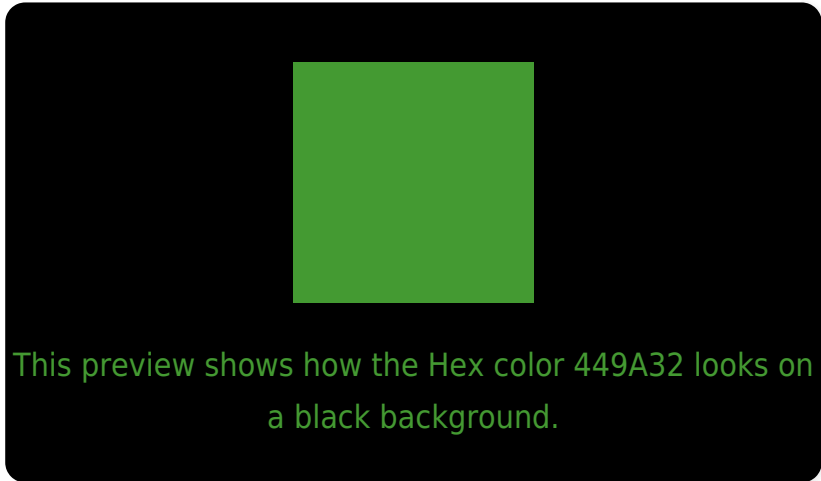
Large Text (above 18pt) WCAG AA ✓ Pass

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 449A32 Background



This preview shows how black text looks on a background with the Hex color 449A32.




This preview shows how white text looks on a background with the Hex color 449A32.

# 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





**Tritanopia**  
5A909C

# Trichromacy



**Original Color**  
449A32



**Protanomaly**  
798E2F



**Deuteranomaly**  
838938



**Tritanomaly**  
529475

# Monochromacy



**Original Color**  
449A32



**Achromatopsia**  
747474



**Achromatomaly**  
63825C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 449A32 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 #449A32 looks like.

```
.text, #text, p{  
    color:#449A32  
}
```

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 #449A32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #449A32
}
```

## Border

The CSS property to change the border of an element to Hex 449A32 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
#449A32 }
```

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

```
.border{ border-color:#449A32 }
```

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

Here you see how a box with a 4 pixel #449A32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #449A32; -webkit-box-shadow:4px 4px  
4px 4px #449A32; box-shadow:4px 4px 4px  
4px #449A32 }
```

# Background

The CSS property to change the background color of an element to Hex 449A32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#449A32 }
```

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

```
.background{ background-color:#449A32 }
```

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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