

Converting Colors

Hex(449014)

Have a look what the booklet for
Hex(449014) contains.

Hex(449014)	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(449014)

Conversions

Conversions Part 1

Format	Color
Hex	449014
RGB	68, 144, 20
RGB Percent	27%, 56%, 8%
CMY	0.7333, 0.4353, 0.9216
CMYK	0.53, 0.00, 0.86, 0.44
HSL	97°, 76%, 32%
HSV	97°, 86%, 56%
XYZ	12.4834, 21.2260, 4.1009
YIQ	107.1400, -5.4920, -54.6760

Conversions

Conversions Part 2

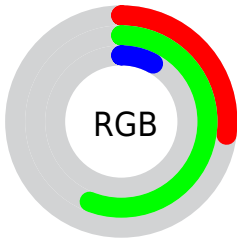
Format	Color
R_{YB}	20, 144, 96
Decimal	4493332
CIE _{Lab}	53.20, -44.10, 52.26
CIE _{LCh}	53, 68.384, 130.159
Yxy	21.2260, 0.3302, 0.5614
Android (android.graphics.Color)	4282683412 (0xFF449014)
YUV	107.1400, -42.9600, -34.3258
Hunter-Lab	46.0716, -32.2596, 26.9727

Details

The Hex color **449014** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **601490**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **7CC74D**, and **005D00** is the 20% darker color. If you saturate the color by 10%, you get **3B9006**, and if you desaturate by 10%, it is **4D9022**.

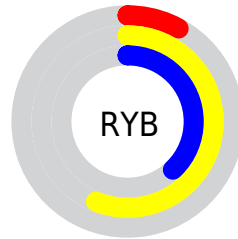
Distribution



Red (27%)

Green (56%)

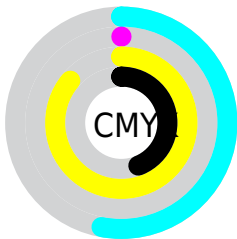
Blue (8%)



Red (8%)

Yellow (56%)

Blue (38%)

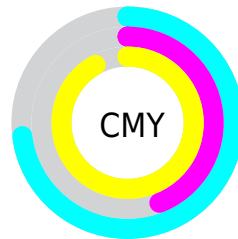


Cyan (53%)

Magenta (0%)

Yellow (86%)

Black (44%)



Cyan (73%)

Magenta (44%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 449014 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 449014 by changing the saturation by 10% instead.



449014



449014

FFFFFF



267600



7CC74D



005D00



98E368



004400



B5FF82



002E00



D1FF9E



001300



EFFFBA



000000



FFFFD6



FFFFF3



449014



449014

■ 3B9006

■ 4D9022

■ 389000

■ 569031

■ 5E903F

■ 67904E

■ 70905C

■ 79906A

■ 829079

■ 8B9087

■ 939096

Harmonies

Analogous

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



878300



449014



009755

Triad

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



449014



0090EE



E63C6E

Complementary

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



449014



601490

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.



D347A8



449014



0080F4

Square

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



449014



0098CA



9965DA



DB5135

Rectangle

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



449014



00997E



9965DA



E43C81

Sweetspot

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



449014



9CBA8A



905E14



4C5E41



DEDEDE



5E5E5E

Same Dimension

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



449014



48BA00



149020



434740



348700



030800

Inverse Universe

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



601490



7200BA



901484



454047



530087



050008

Previews

White Background



This preview shows how the Hex color 449014 looks on a white background.

Color Contrast Check

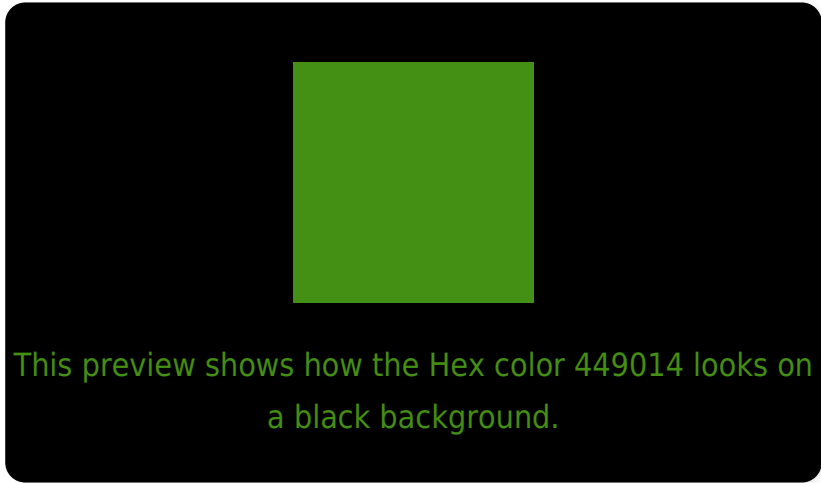
Large Text (above 18pt) WCAG AA ✓ Pass

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

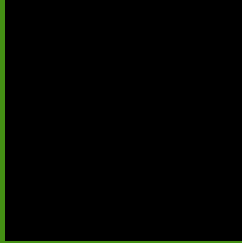
Any Text WCAG AA ✓ Pass

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 449014 Background



This preview shows how black text looks on a background with the Hex color 449014.



This preview shows how white text looks on a background with the Hex color 449014.

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
449014

Protanopia
8E7F0E

Deuteranopia
9F7823



Tritanopia
588691

Trichromacy



Original Color
449014

Protanomaly
738510

Deuteranomaly
7E811E

Tritanomaly
518A64

Monochromacy



Original Color
449014

Achromatopsia
6B6B6B

Achromatomaly
5D784B

CSS Examples

Text

The CSS property to change the color of the text to Hex 449014 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 #449014 looks like.

```
.text, #text, p{  
    color:#449014  
}
```

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 #449014 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #449014
}
```

Border

The CSS property to change the border of an element to Hex 449014 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
#449014 }
```

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

```
.border{ border-color:#449014 }
```

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

Here you see how a box with a 4 pixel #449014 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #449014; -webkit-box-shadow:4px 4px  
4px 4px #449014; box-shadow:4px 4px 4px  
4px #449014 }
```

Background

The CSS property to change the background color of an element to Hex 449014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#449014 }
```

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

```
.background{ background-color:#449014 }
```

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