

Converting Colors

Hex(449E05)

Have a look what the booklet for
Hex(449E05) contains.

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Color

Hex(449E05)

Conversions

Conversions Part 1

Format	Color
Hex	449E05
RGB	68, 158, 5
RGB Percent	27%, 62%, 2%
CMY	0.7333, 0.3804, 0.9804
CMYK	0.57, 0.00, 0.97, 0.38
HSL	95°, 94%, 32%
HSV	95°, 97%, 62%
XYZ	14.6381, 25.6936, 4.3314
YIQ	113.6480, -4.5270, -66.6630

Conversions

Conversions Part 2

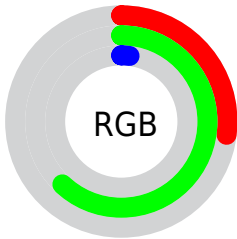
Format	Color
RYB	5, 158, 95
Decimal	4496901
CIELab	57.75, -49.86, 58.87
CIELCh	58, 77.147, 130.259
Yxy	25.6936, 0.3277, 0.5753
Android (android.graphics.Color)	4282686981 (0xFF449E05)
YUV	113.6480, -53.5635, -40.0333
Hunter-Lab	50.6889, -37.1575, 30.4158

Details

The Hex color **449E05** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5F059E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **7ED549**, and **006900** is the 20% darker color. If you saturate the color by 10%, you get **419E00**, and if you desaturate by 10%, it is **4D9E15**.

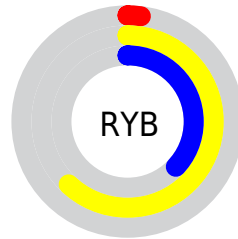
Distribution



Red (27%)

Green (62%)

Blue (2%)



Red (2%)

Yellow (62%)

Blue (37%)

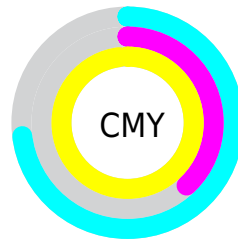


Cyan (57%)

Magenta (0%)

Yellow (97%)

Black (38%)



Cyan (73%)

Magenta (38%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 449E05 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 449E05 by changing the saturation by 10% instead.



449E05



449E05

FFFFFF



228300



7ED549



006900



9BF265



005000



B8FF80



003800



D6FF9C



002200



F3FFB8



000000



FFFFD4



FFFFF2



449E05



449E05

■ 419E00

■ 4D9E15

■ 579E25

■ 609E34

■ 699E44

■ 729E54

■ 7C9E64

■ 859E74

■ 8E9E83

■ 989E93

Harmonies

Analogous

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



928F00



449E05



00A65A

Triad

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



449E05



009EFF



FF3977

Complementary

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



449E05



5F059E

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.



EB47BA



449E05



008CFF

Square

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



449E05



00A7E1



A86DF3



F25536

Rectangle

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



449E05



00A889



A86DF3



FD388D

Sweetspot

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



449E05



ABCF93



9E5E05



536944



E8E8E8



696969

Same Dimension

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



449E05



55CF00



059E12



4A4F47



3B8F00



060F00

Inverse Universe

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



5F059E



7900CF



9E0591



4C474F



54008F



09000F

Previews

White Background



This preview shows how the Hex color 449E05 looks on a white background.

Color Contrast Check

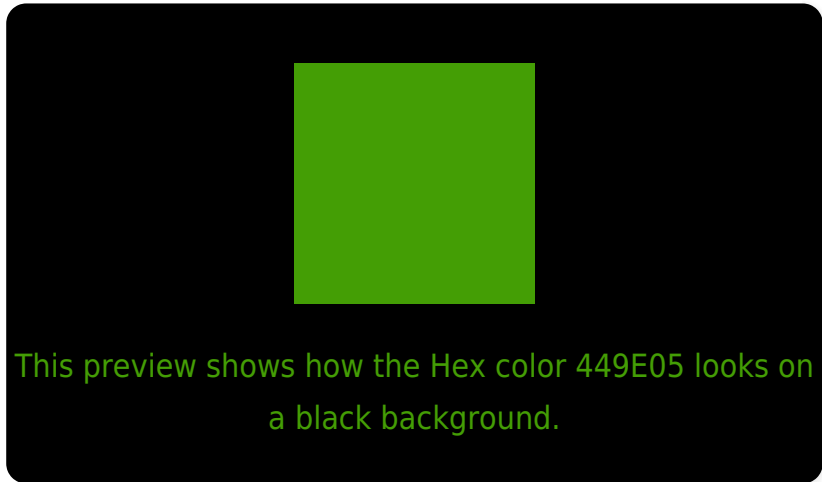
Large Text (above 18pt) WCAG AA ✓ Pass

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 449E05 Background



This preview shows how black text looks on a background with the Hex color 449E05.



This preview shows how white text looks on a background with the Hex color 449E05.

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
449E05

Protanopia
9C8A00

Deuteranopia
AD8321



Tritanopia
5C939F

Trichromacy



Original Color
449E05



Protanomaly
7C9102



Deuteranomaly
878D17



Tritanomaly
539767

Monochromacy



Original Color
449E05



Achromatopsia
727272



Achromatomaly
61824A

CSS Examples

Text

The CSS property to change the color of the text to Hex 449E05 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 #449E05 looks like.

```
.text, #text, p{  
    color:#449E05  
}
```

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 #449E05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #449E05
}
```

Border

The CSS property to change the border of an element to Hex 449E05 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".

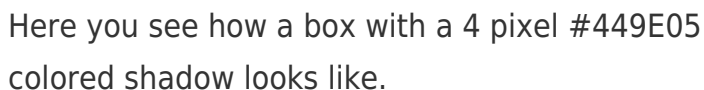
```
.border, #border, table{ border:4px solid
#449E05 }
```

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

```
.border{ border-color:#449E05 }
```

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

Here you see how a box with a 4 pixel #449E05 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #449E05; -webkit-box-shadow:4px 4px  
4px 4px #449E05; box-shadow:4px 4px 4px  
4px #449E05 }
```

Background

The CSS property to change the background color of an element to Hex 449E05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#449E05 }
```

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

```
.background{ background-color:#449E05 }
```

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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