

Converting Colors

Hex(409730)

Have a look what the booklet for
Hex(409730) contains.

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Color

Hex(409730)

Conversions

Conversions Part 1

Format	Color
Hex	409730
RGB	64, 151, 48
RGB Percent	25%, 59%, 19%
CMY	0.7490, 0.4078, 0.8118
CMYK	0.58, 0.00, 0.68, 0.41
HSL	111°, 52%, 39%
HSV	111°, 68%, 59%
XYZ	13.7145, 23.4366, 6.5972
YIQ	113.2450, -18.7890, -50.4770

Conversions

Conversions Part 2

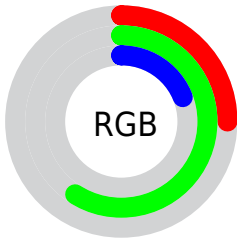
Format	Color
RYB	48, 151, 135
Decimal	4233008
CIELab	55.52, -46.02, 44.76
CIELCh	56, 64.196, 135.799
Yxy	23.4366, 0.3135, 0.5357
Android (android.graphics.Color)	4282423088 (0xFF409730)
YUV	113.2450, -32.1658, -43.1879
Hunter-Lab	48.4114, -34.1526, 25.8083

Details

The Hex color **409730** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **873097**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **79CE63**, and **006300** is the 20% darker color. If you saturate the color by 10%, you get **339721**, and if you desaturate by 10%, it is **4D973F**.

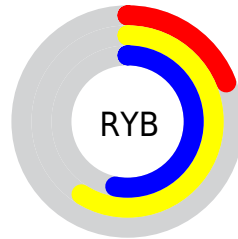
Distribution



Red (25%)

Green (59%)

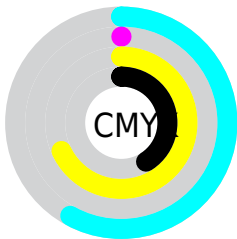
Blue (19%)



Red (19%)

Yellow (59%)

Blue (53%)

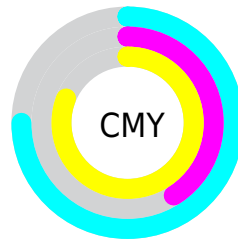


Cyan (58%)

Magenta (0%)

Yellow (68%)

Black (41%)



Cyan (75%)

Magenta (41%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 409730 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 409730 by changing the saturation by 10% instead.

 409730

 409730

FFFFFF

 207D14

 79CE63

 006300

 95EB7D

 004A00

 B1FF98

 003300

 CEFFB4

 001C00

 EBFFD0

 000000

 FFFFED

 409730

 409730

 339721

 4D973F

■ 269712

■ 5A974E

■ 1A9703

■ 66975D

■ 179700

■ 73976C

■ 80977C

■ 8D978B

■ 99979A

■ A697A9

■ B397B8

Harmonies

Analogous

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



848B00



409730



009D68

Triad

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



409730



0093F1



E84C6A

Complementary

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



409730



873097

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.



DB50A2



409730



4681F1

Square

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



409730



009CD4



AC68D3



D96036

Rectangle

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



409730



009F8F



AC68D3



E74A7D

Sweetspot

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



409730



A3C49D



978630



4F634C



E3E3E3



636363

Same Dimension

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



409730



3CC423



309752



464D45



168C00



020D00

Inverse Universe

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



873097



AB23C4



973075



4B454D



76008C



0B000D

Previews

White Background



This preview shows how the Hex color 409730 looks on a white background.

Color Contrast Check

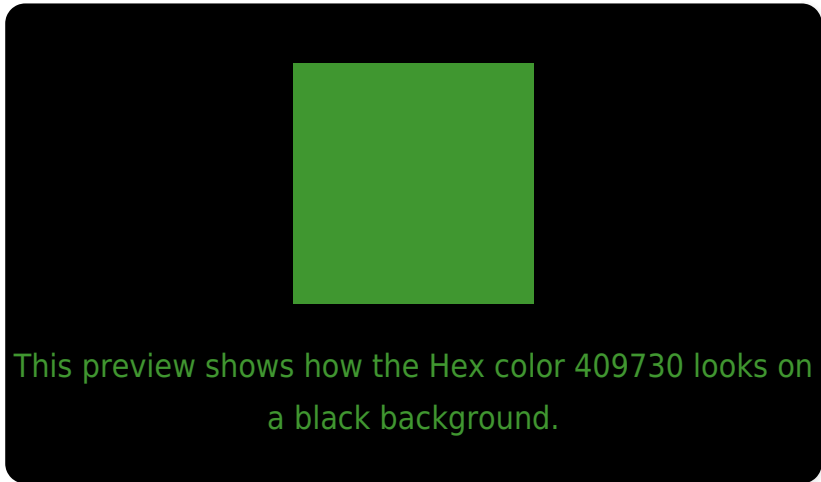
Large Text (above 18pt) WCAG AA ✓ Pass

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 409730 Background



This preview shows how black text looks on a background with the Hex color 409730.

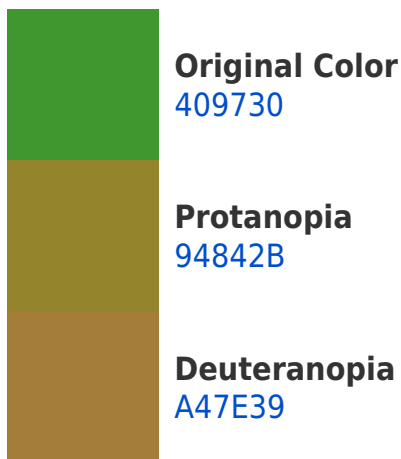


This preview shows how white text looks on a background with the Hex color 409730.

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](#).

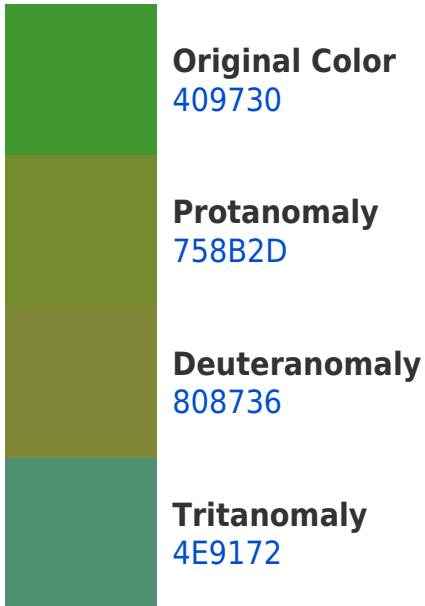
Dichromacy



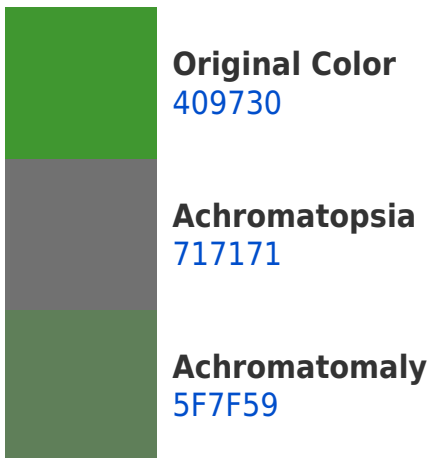


Tritanopia
568D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 409730 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 #409730 looks like.

```
.text, #text, p{  
    color:#409730  
}
```

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 #409730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #409730
}
```

Border

The CSS property to change the border of an element to Hex 409730 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
#409730 }
```

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

```
.border{ border-color:#409730 }
```

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

Here you see how a box with a 4 pixel #409730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #409730; -webkit-box-shadow:4px 4px  
4px 4px #409730; box-shadow:4px 4px 4px  
4px #409730 }
```

Background

The CSS property to change the background color of an element to Hex 409730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#409730 }
```

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

```
.background{ background-color:#409730 }
```

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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