

Converting Colors

Hex(409400)

Have a look what the booklet for
Hex(409400) contains.

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Color

Hex(409400)

Conversions

Conversions Part 1

Format	Color
Hex	409400
RGB	64, 148, 0
RGB Percent	25%, 58%, 0%
CMY	0.7490, 0.4196, 1.0000
CMYK	0.57, 0.00, 1.00, 0.42
HSL	94°, 100%, 29%
HSV	94°, 100%, 58%
XYZ	12.7043, 22.2698, 3.6289
YIQ	106.0120, -2.5560, -63.8360

Conversions

Conversions Part 2

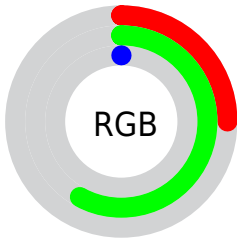
Format	Color
RYB	0, 148, 84
Decimal	4232192
CIELab	54.31, -47.42, 56.86
CIELCh	54, 74.044, 129.827
Yxy	22.2698, 0.3291, 0.5769
Android (android.graphics.Color)	4282422272 (0xFF409400)
YUV	106.0120, -52.2639, -36.8445
Hunter-Lab	47.1909, -34.5301, 28.4743

Details

The Hex color **409400** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **540094**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **7ACB45**, and **006000** is the 20% darker color. If you saturate the color by 10%, you get **409400**, and if you desaturate by 10%, it is **48940F**.

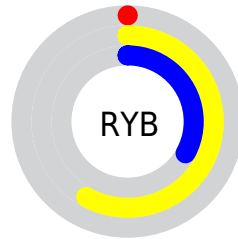
Distribution



Red (25%)

Green (58%)

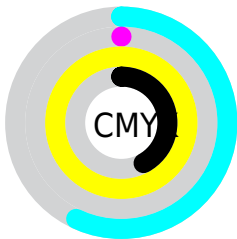
Blue (0%)



Red (0%)

Yellow (58%)

Blue (33%)

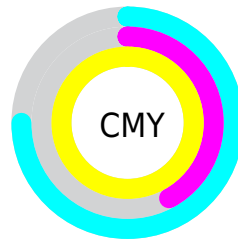


Cyan (57%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (75%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 409400 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 409400 by changing the saturation by 10% instead.

 409400

 409400

FFFFFF

 1F7A00

 7ACB45

 006000

 96E760

 004700

 B3FF7B

 003000

 D0FF97

 001800

 EEFFB3


 000000

 FFFFCF

 FFFFEC

 409400

 48940F

 51941E

 59942C

 62943B

 6A944A

 729459

 7B9468

 839476

 8C9485

Harmonies

Analogous

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



8A8600



409400



009B53

Triad

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



409400



0095FB



F13370

Complementary

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



409400



540094

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.



DC42AF



409400



0083FF

Square

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



409400



009DD3



9D66E5



E44E32

Rectangle

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



409400



009D80



9D66E5



EE3385

Sweetspot

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



409400



9FBF86



945400



4D613E



E0E0E0



616161

Same Dimension

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



409400



53BF00



00940A



464A43



3C8A00



040A00

Inverse Universe

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



540094



6D00BF



94008A



47434A



4E008A



06000A

Previews

White Background



This preview shows how the Hex color 409400 looks on a white background.

Color Contrast Check

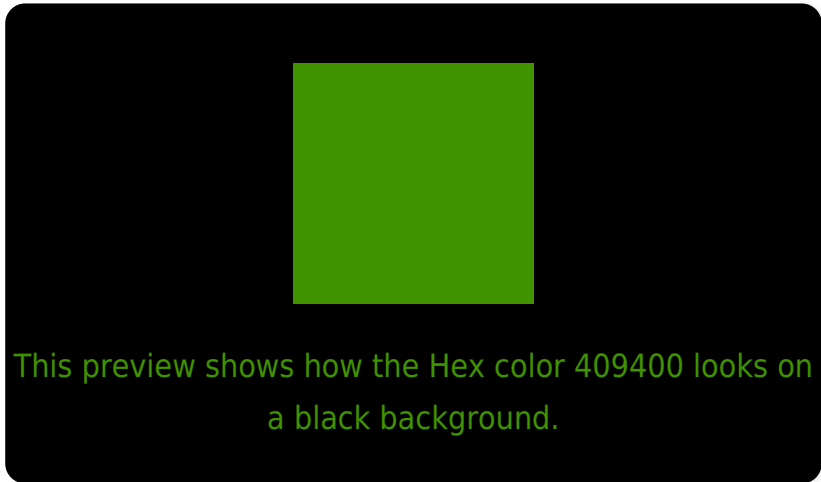
Large Text (above 18pt) WCAG AA ✓ Pass

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 409400 Background



This preview shows how black text looks on a background with the Hex color 409400.



This preview shows how white text looks on a background with the Hex color 409400.

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
409400

Protanopia
928200

Deuteranopia
A37B1F



Tritanopia
568A95

Trichromacy



Original Color
409400

Protanomaly
748900

Deuteranomaly
7F8414

Tritanomaly
4E8E5F

Monochromacy



Original Color
409400

Achromatopsia
6A6A6A

Achromatomaly
5B7943

CSS Examples

Text

The CSS property to change the color of the text to Hex 409400 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 #409400 looks like.

```
.text, #text, p{  
    color:#409400  
}
```

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 #409400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #409400
}
```

Border

The CSS property to change the border of an element to Hex 409400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

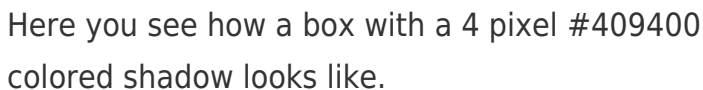
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#409400 }
```

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

```
.border{ border-color:#409400 }
```

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



Here you see how a box with a 4 pixel #409400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #409400; -webkit-box-shadow:4px 4px  
4px 4px #409400; box-shadow:4px 4px 4px  
4px #409400 }
```

Background

The CSS property to change the background color of an element to Hex 409400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#409400 }
```

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

```
.background{ background-color:#409400 }
```

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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