

Converting Colors

Hex(409740)

Have a look what the booklet for
Hex(409740) contains.

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Color

Hex(409740)

Conversions

Conversions Part 1

Format	Color
Hex	409740
RGB	64, 151, 64
RGB Percent	25%, 59%, 25%
CMY	0.7490, 0.4078, 0.7490
CMYK	0.58, 0.00, 0.58, 0.41
HSL	120°, 40%, 42%
HSV	120°, 58%, 59%
XYZ	14.1064, 23.5934, 8.6610
YIQ	115.0690, -23.9250, -45.5010

Conversions

Conversions Part 2

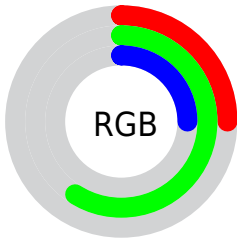
Format	Color
RYB	64, 151, 151
Decimal	4233024
CIELab	55.68, -44.23, 37.57
CIElCh	56, 58.035, 139.657
Yxy	23.5934, 0.3043, 0.5089
Android (android.graphics.Color)	4282423104 (0xFF409740)
YUV	115.0690, -25.1770, -44.7875
Hunter-Lab	48.5730, -33.1635, 23.4292

Details

The Hex color **409740** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **974097**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **78CE72**, and **00630D** is the 20% darker color. If you saturate the color by 10%, you get **319731**, and if you desaturate by 10%, it is **4F974F**.

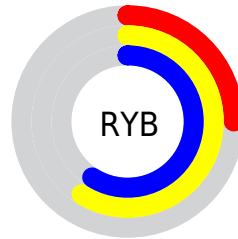
Distribution



Red (25%)

Green (59%)

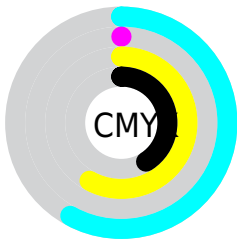
Blue (25%)



Red (25%)

Yellow (59%)

Blue (59%)

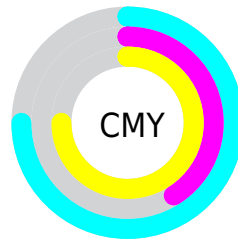


Cyan (58%)

Magenta (0%)

Yellow (58%)

Black (41%)



Cyan (75%)

Magenta (41%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 409740 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 409740 by changing the saturation by 10% instead.



409740



409740

FFFFFF



217D27



78CE72



00630D



94EB8D



004A00



B0FFA7



003300



CDFFC3



001C00



EAFFDF



000000

FFFFFFC



409740



409740



319731



4F974F

■ 229722

■ 5E975E

■ 139713

■ 6D976D

■ 049704

■ 7C977C

■ 009700

■ 8B978B

■ 9B979B

■ AA97AA

■ B997B9

■ C897C8

Harmonies

Analogous

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



7F8D18



409740



009C72

Triad

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



409740



0090E9



E05767

Complementary

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



409740



974097

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.



D75799



409740



647FE5

Square

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



409740



009AD1



B169C7



D06839

Rectangle

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



409740



009D95



B169C7



E05477

Sweetspot

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



409740



A3C4A3



979740



506350



E3E3E3



636363

Same Dimension

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



409740



3DC43D



40976C



454D45



008C00



000D00

Inverse Universe

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



974097



C43DC4



97406C



4D454D



8C008C



0D000D

Previews

White Background



This preview shows how the Hex color 409740 looks on a white background.

Color Contrast Check

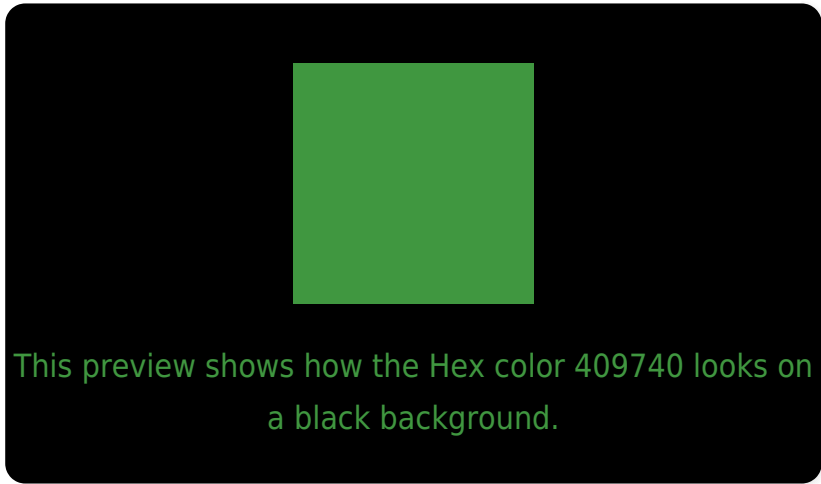
Large Text (above 18pt) WCAG AA ✓ Pass

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 409740 Background



This preview shows how black text looks on a background with the Hex color 409740.

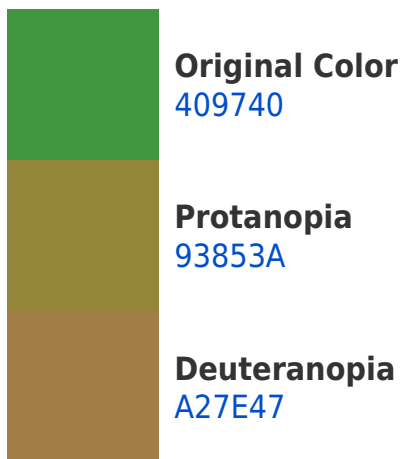


This preview shows how white text looks on a background with the Hex color 409740.

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
558E99

Trichromacy



Original Color
409740

Protanomaly
758C3C

Deuteranomaly
7E8744

Tritanomaly
4D9179

Monochromacy



Original Color
409740

Achromatopsia
737373

Achromatomaly
608060

CSS Examples

Text

The CSS property to change the color of the text to Hex 409740 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 #409740 looks like.

```
.text, #text, p{  
    color:#409740  
}
```

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 #409740 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #409740
}
```

Border

The CSS property to change the border of an element to Hex 409740 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
#409740 }
```

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

```
.border{ border-color:#409740 }
```

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

Here you see how a box with a 4 pixel #409740 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #409740; -webkit-box-shadow:4px 4px  
4px 4px #409740; box-shadow:4px 4px 4px  
4px #409740 }
```

Background

The CSS property to change the background color of an element to Hex 409740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#409740 }
```

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

```
.background{ background-color:#409740 }
```

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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