

# Converting Colors

Hex(709840)

Have a look what the booklet for  
Hex(709840) contains.

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**Color**

**Hex(709840)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	709840
RGB	112, 152, 64
RGB Percent	44%, 60%, 25%
CMY	0.5608, 0.4039, 0.7490
CMYK	0.26, 0.00, 0.58, 0.40
HSL	87°, 41%, 42%
HSV	87°, 58%, 60%
XYZ	18.8357, 26.2714, 8.9286
YIQ	130.0080, 4.4080, -35.8480

# Conversions

## Conversions Part 2

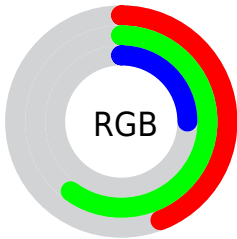
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 152, 104
Decimal	7379008
CIELab	58.29, -28.72, 41.20
CIELCh	58, 50.226, 124.881
Yxy	26.2714, 0.3486, 0.4862
Android (android.graphics.Color)	4285569088 (0xFF709840)
YUV	130.0080, -32.5419, -15.7930
Hunter-Lab	51.2556, -24.1010, 25.5507

# Details

The Hex color **709840** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **684098**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A6CF73**, and **3C650B** is the 20% darker color. If you saturate the color by 10%, you get **699831**, and if you desaturate by 10%, it is **77984F**.

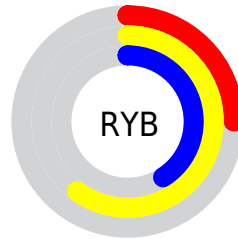
# Distribution



Red (44%)

Green (60%)

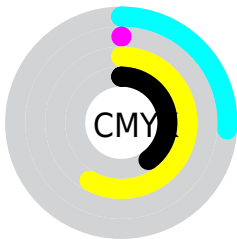
Blue (25%)



Red (25%)

Yellow (60%)

Blue (41%)

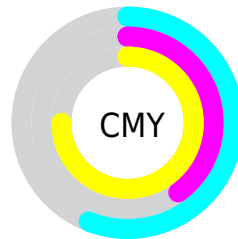


Cyan (26%)

Magenta (0%)

Yellow (58%)

Black (40%)



Cyan (56%)

Magenta (40%)


Yellow (75%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 709840 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 709840 by changing the saturation by 10% instead.



 709840

 709840

FFFFFF

 567E27

 A6CF73

 3C650B

 C2EB8D

 234C00

 DEFFA8

 063500


 FBFFC4

 002100

 FFFFEO

 000000

FFFFFFD

 709840

 709840

 699831

 77984F

■ 629822

■ 7E985E

■ 5B9812

■ 85986E

■ 549803

■ 8C987D

■ 539800

■ 93988C

■ 99989B

■ A098AA

■ A798BA

■ AE98C9

# Harmonies

## Analogous

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



9E8C2F



709840



2B9F65

# Triad

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



709840



009BDB



DC6587

# Complementary

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



709840



684098

# 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.



C86CB2



709840



428FE4

# Square

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



709840



00A1BD



987ED5



D96C5C

# Rectangle

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



709840



00A183



987ED5



D86696



# Sweetspot

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



709840



B5C4A3



986840



5A6350



E3E3E3



636363



# Same Dimension

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



709840



87C43D



449840



494D45



4C8C00



070D00



# Inverse Universe

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



684098



7A3DC4



944098



48454D



40008C



06000D



# Previews

## White Background



This preview shows how the Hex color 709840 looks on a white background.

## Color Contrast Check

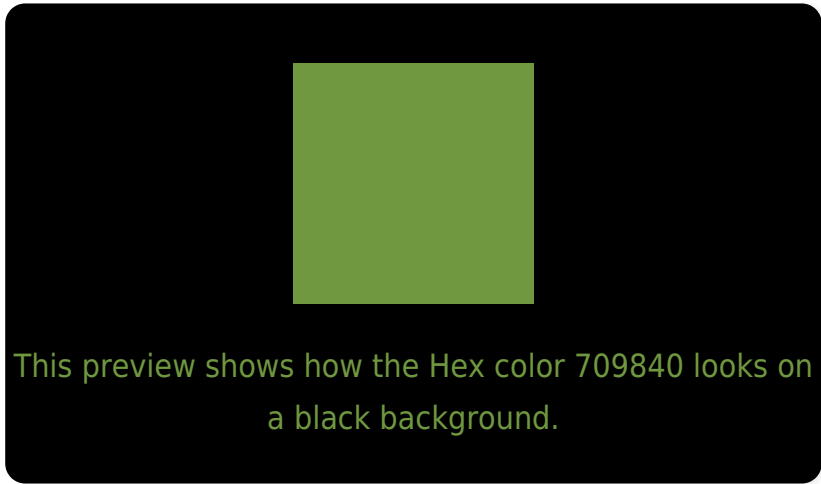
Large Text (above 18pt) WCAG AA ✓ Pass

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 709840 Background



This preview shows how black text looks on a background with the Hex color 709840.

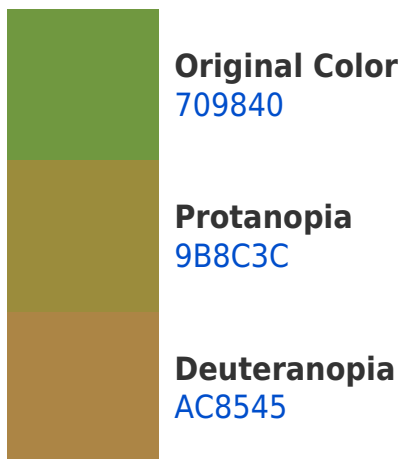


This preview shows how white text looks on a background with the Hex color 709840.

# 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](#).

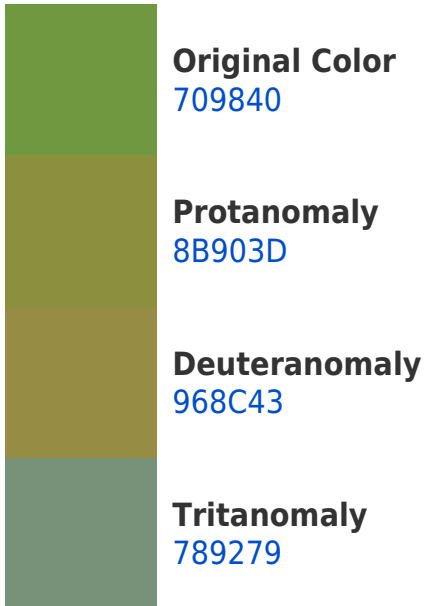
## Dichromacy



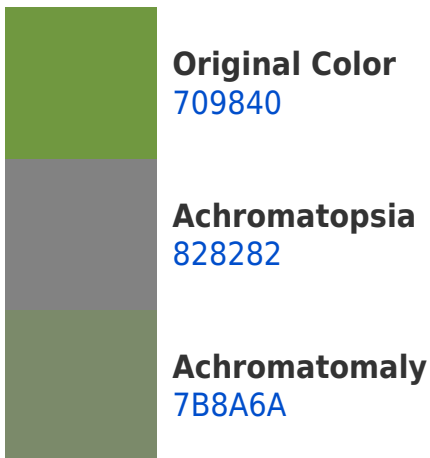


**Tritanopia**  
7C8F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 709840 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 #709840 looks like.

```
.text, #text, p{  
    color:#709840  
}
```

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 #709840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #709840
}
```

## Border

The CSS property to change the border of an element to Hex 709840 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
#709840 }
```

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

```
.border{ border-color:#709840 }
```

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

Here you see how a box with a 4 pixel #709840 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #709840; -webkit-box-shadow:4px 4px  
4px 4px #709840; box-shadow:4px 4px 4px  
4px #709840 }
```

# Background

The CSS property to change the background color of an element to Hex 709840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#709840 }
```

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

```
.background{ background-color:#709840 }
```

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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