

# Converting Colors

Hex(739000)

Have a look what the booklet for  
Hex(739000) contains.

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**Color**

**Hex(739000)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	739000
RGB	115, 144, 0
RGB Percent	45%, 56%, 0%
CMY	0.5490, 0.4353, 1.0000
CMYK	0.20, 0.00, 1.00, 0.44
HSL	72°, 100%, 28%
HSV	72°, 100%, 56%
XYZ	17.0435, 23.5914, 3.6553
YIQ	118.9130, 28.9400, -50.9320

# Conversions

## Conversions Part 2

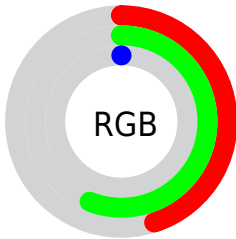
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 144, 29
Decimal	7573504
CIELab	55.68, -27.00, 59.06
CIELCh	56, 64.939, 114.565
Yxy	23.5914, 0.3848, 0.5327
Android (android.graphics.Color)	4285763584 (0xFF739000)
YUV	118.9130, -58.6241, -3.4317
Hunter-Lab	48.5709, -22.3637, 29.5377

# Details

The Hex color **739000** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **1D0090**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **ABC645**, and **3E5D00** is the 20% darker color. If you saturate the color by 10%, you get **739000**, and if you desaturate by 10%, it is **76900E**.

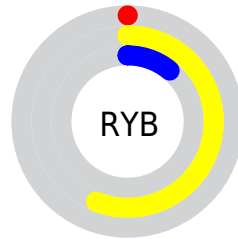
# Distribution



Red (45%)

Green (56%)

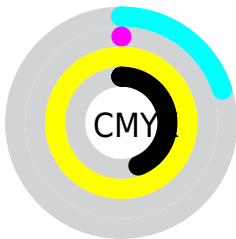
Blue (0%)



Red (0%)

Yellow (56%)

Blue (11%)

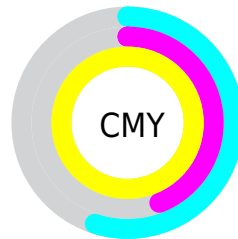


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (55%)

Magenta (44%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 739000 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 739000 by changing the saturation by 10% instead.



 739000

 739000

FFFFFF

 587600


 ABC645

 3E5D00

 C7E260

 224600

 E4FF7C

 042F00

 FFFF97

 001C00

 FFFFB3

 000000

 FFFFCE

 FFFFEC

 739000

 76900E

 79901D

 7C902B

 7F903A

 829048

 849056

 879065

 8A9073

 8D9082

# Harmonies

## Analogous

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



A97F00



739000



169A3F

# Triad

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



739000



009BE1



E44B92

# Complementary

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



739000



1D0090

# 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.



BF60C8



739000



008FF6

# Square

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



739000



009FB3



6F7BED



E8505A

# Rectangle

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



739000



009D65



6F7BED



DB50A5



# Sweetspot

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



739000



AFBA82



901D00



585E3C



DEDEDE



5E5E5E



# Same Dimension

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



739000



95BA00



2B9000



464740



6C8700



060800



# Inverse Universe

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



1D0090



2500BA



650090



424047



1B0087



020008



# Previews

## White Background



This preview shows how the Hex color 739000 looks on a white background.

## Color Contrast Check

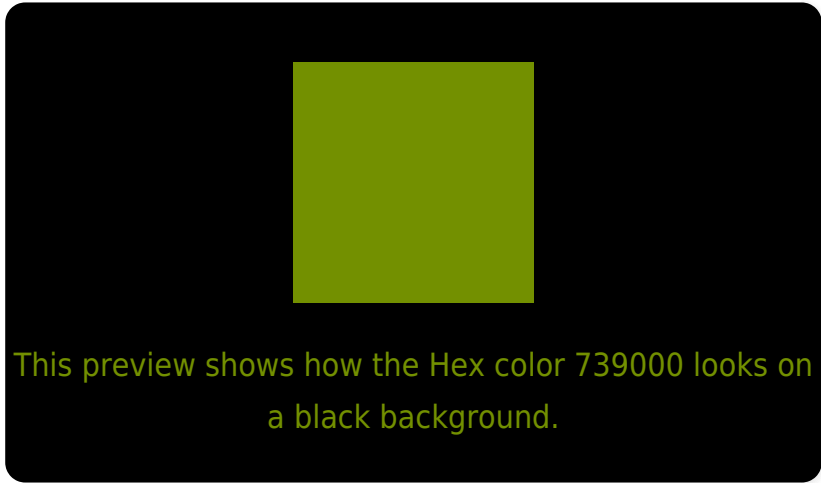
Large Text (above 18pt) WCAG AA ✓ Pass

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 739000 Background



This preview shows how black text looks on a background with the Hex color 739000.



This preview shows how white text looks on a background with the Hex color 739000.

# 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**  
739000

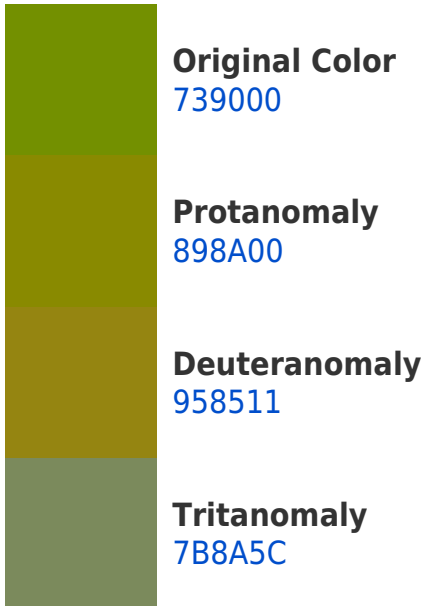
**Protanopia**  
968600

**Deuteranopia**  
A87E1A



**Tritanopia**  
7F8690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 739000 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 #739000 looks like.

```
.text, #text, p{  
    color:#739000  
}
```

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 #739000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #739000
}
```

## Border

The CSS property to change the border of an element to Hex 739000 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
#739000 }
```

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

```
.border{ border-color:#739000 }
```

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

Here you see how a box with a 4 pixel #739000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #739000; -webkit-box-shadow:4px 4px  
4px 4px #739000; box-shadow:4px 4px 4px  
4px #739000 }
```

# Background

The CSS property to change the background color of an element to Hex 739000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#739000 }
```

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

```
.background{ background-color:#739000 }
```

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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