

# Converting Colors

Hex(759004)

Have a look what the booklet for  
Hex(759004) contains.

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**Color**

**Hex(759004)**

# Conversions

## Conversions Part 1

Format	Color
Hex	759004
RGB	117, 144, 4
RGB Percent	46%, 56%, 2%
CMY	0.5412, 0.4353, 0.9843
CMYK	0.19, 0.00, 0.97, 0.44
HSL	72°, 95%, 29%
HSV	72°, 97%, 56%
XYZ	17.3313, 23.7372, 3.7831
YIQ	119.9670, 28.8480, -49.2640

# Conversions

## Conversions Part 2

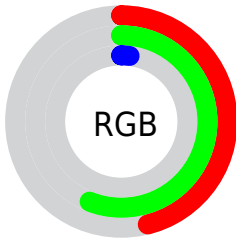
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 144, 31
Decimal	7704580
CIELab	55.82, -26.05, 58.57
CIELCh	56, 64.105, 113.980
Yxy	23.7372, 0.3864, 0.5292
Android (android.graphics.Color)	4285894660 (0xFF759004)
YUV	119.9670, -57.1717, -2.6021
Hunter-Lab	48.7208, -21.7643, 29.5007

# Details

The Hex color **759004** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **1F0490**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **ADC647**, and **405E00** is the 20% darker color. If you saturate the color by 10%, you get **749000**, and if you desaturate by 10%, it is **789012**.

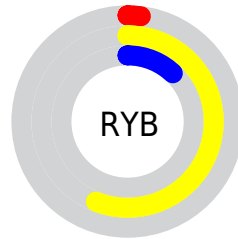
# Distribution



Red (46%)

Green (56%)

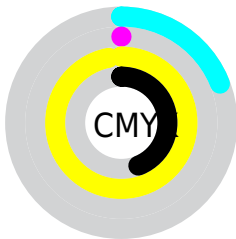
Blue (2%)



Red (2%)

Yellow (56%)

Blue (12%)

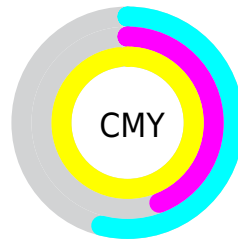


Cyan (19%)

Magenta (0%)

Yellow (97%)

Black (44%)



Cyan (54%)

Magenta (44%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 759004 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 759004 by changing the saturation by 10% instead.





759004



759004

FFFFFF



5A7600



ADC647



405E00



C9E262



254600



E6FF7D



072F00



FFFF99



001D00



FFFFB4



000000



FFFFD1



FFFFEE



759004



759004

■ 749000

■ 789012

■ 7B9021

■ 7D902F

■ 80903E

■ 83904C

■ 86905A

■ 889069

■ 8B9077

■ 8E9086

# Harmonies

## Analogous

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



AA7F00



759004



1F9A40

# Triad

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



759004



009BDF



E34D93

# Complementary

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



759004



1F0490

# 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.



BE62C8



759004



0090F5

# Square

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



759004



009FB2



6E7CEC



E7515C

# Rectangle

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



759004



009E65



6E7CEC



DA52A6



# Sweetspot

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



759004



B0BA84



901E04



585E3D



DEDEDE



5E5E5E



# Same Dimension

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



759004



96BA00



309004



464740



6D8700



060800



# Inverse Universe

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



1F0490



2400BA



640490



424047



1A0087



010008



# Previews

## White Background



This preview shows how the Hex color 759004 looks on a white background.

## Color Contrast Check

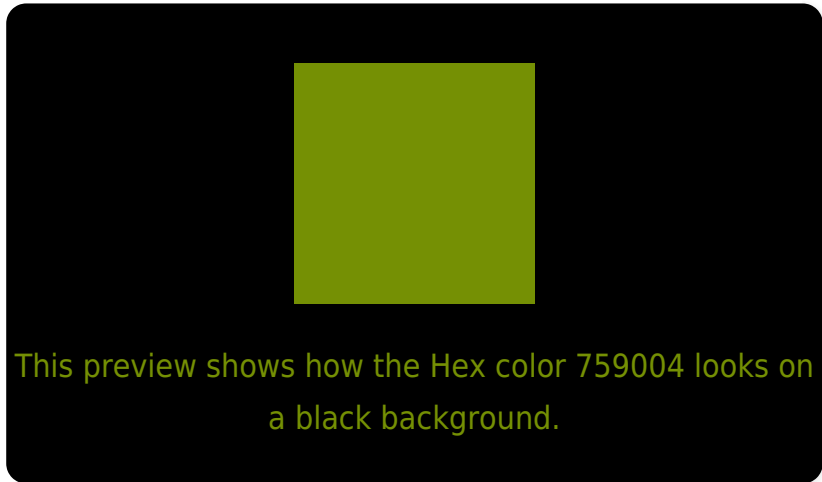
Large Text (above 18pt) WCAG AA ✓ Pass

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 759004 Background



This preview shows how black text looks on a background with the Hex color 759004.

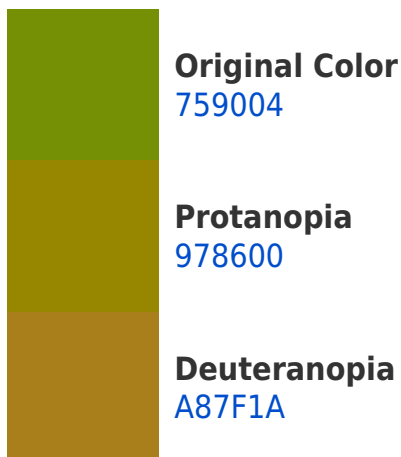


This preview shows how white text looks on a background with the Hex color 759004.

# 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**  
818690

# Trichromacy



**Original Color**  
759004

**Protanomaly**  
8B8A01

**Deuteranomaly**  
958512

**Tritanomaly**  
7D8A5D

# Monochromacy



**Original Color**  
759004

**Achromatopsia**  
787878

**Achromatomaly**  
77814E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 759004 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 #759004 looks like.

```
.text, #text, p{  
    color:#759004  
}
```

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 #759004 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #759004
}
```

## Border

The CSS property to change the border of an element to Hex 759004 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
#759004 }
```

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

```
.border{ border-color:#759004 }
```

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

Here you see how a box with a 4 pixel #759004 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #759004; -webkit-box-shadow:4px 4px  
4px 4px #759004; box-shadow:4px 4px 4px  
4px #759004 }
```

# Background

The CSS property to change the background color of an element to Hex 759004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#759004 }
```

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

```
.background{ background-color:#759004 }
```

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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