

# Converting Colors

Hex(759434)

Have a look what the booklet for  
Hex(759434) contains.

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**Color**

**Hex(759434)**

# Conversions

## Conversions Part 1

Format	Color
Hex	759434
RGB	117, 148, 52
RGB Percent	46%, 58%, 20%
CMY	0.5412, 0.4196, 0.7961
CMYK	0.21, 0.00, 0.65, 0.42
HSL	79°, 48%, 39%
HSV	79°, 65%, 58%
XYZ	18.5459, 25.2097, 7.1373
YIQ	127.7870, 12.3400, -36.4280

# Conversions

## Conversions Part 2

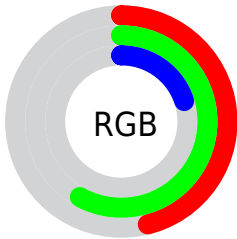
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 148, 83
Decimal	7705652
CIELab	57.28, -25.85, 45.70
CIELCh	57, 52.508, 119.496
Yxy	25.2097, 0.3644, 0.4953
Android (android.graphics.Color)	4285895732 (0xFF759434)
YUV	127.7870, -37.3630, -9.4602
Hunter-Lab	50.2092, -21.9333, 26.7183

# Details

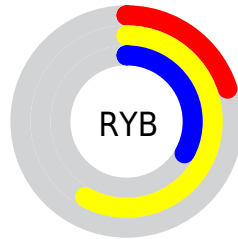
The Hex color **759434** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **533494**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **ABCA67**, and **416100** is the 20% darker color. If you saturate the color by 10%, you get **709425**, and if you desaturate by 10%, it is **7A9443**.

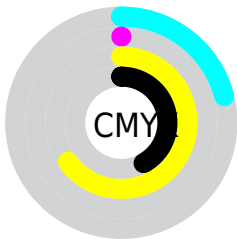
# Distribution



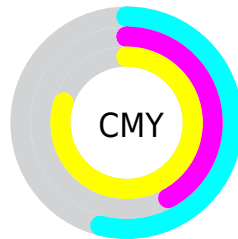
- Red (46%)
- Green (58%)
- Blue (20%)



- Red (20%)
- Yellow (58%)
- Blue (33%)



- Cyan (21%)
- Magenta (0%)
- Yellow (65%)
- Black (42%)



- Cyan (54%)
- Magenta (42%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 759434 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 759434 by changing the saturation by 10% instead.





759434



759434

FFFFFF



5B7A19



ABCA67



416100



C8E681



294900



E4FF9C



0C3200



FFFFB8



001F00



FFFFD4



000000



FFFFF1



759434



759434



709425



7A9443

■ 6B9416

■ 7F9452

■ 679408

■ 839460

■ 649400

■ 88946F

■ 8D947E

■ 92948D

■ 96949C

■ 9B94AA

■ A094B9

# Harmonies

## Analogous

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



A38727



759434



339C59

# Triad

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



759434



009AD8



DB608C

# Complementary

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



759434



533494

# 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.



C06BB9



759434



008FE5

# Square

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



759434



009FB5



897EDA



DB655F

# Rectangle

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



759434



009F77



897EDA



D5629C



# Sweetspot

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



759434



B4BF9B



945234



5A614B



E0E0E0



616161



# Same Dimension

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



759434



8FBF2A



469434



484A43



5D8A00



070A00



# Inverse Universe

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



533494



5A2ABF



823494



45434A



2C008A



03000A



# Previews

## White Background



This preview shows how the Hex color 759434 looks on a white background.

## Color Contrast Check

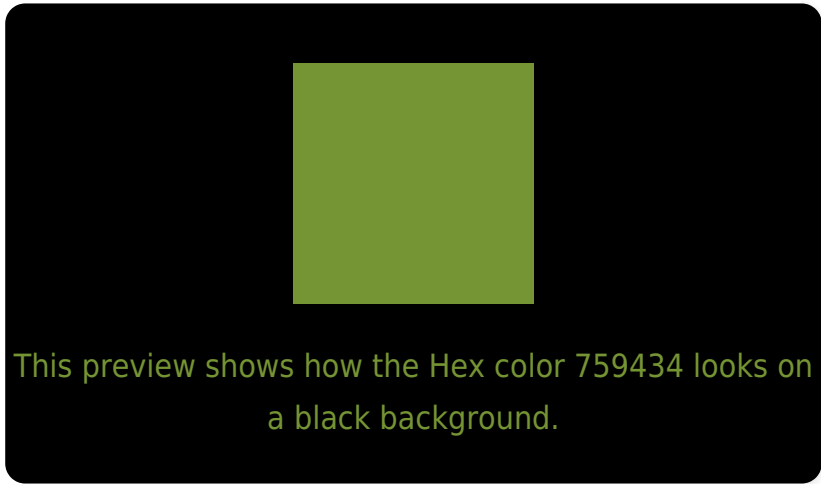
Large Text (above 18pt) WCAG AA ✓ Pass

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 759434 Background



This preview shows how black text looks on a background with the Hex color 759434.



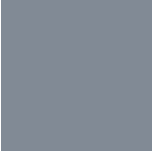
This preview shows how white text looks on a background with the Hex color 759434.

# 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**  
818A95

# Trichromacy



**Original Color**  
759434

**Protanomaly**  
8C8D32

**Deuteranomaly**  
978938

**Tritanomaly**  
7D8E72

# Monochromacy



**Original Color**  
759434

**Achromatopsia**  
808080

**Achromatomaly**  
7C8764

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 759434 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 #759434 looks like.

```
.text, #text, p{  
    color:#759434  
}
```

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 #759434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #759434
}
```

## Border

The CSS property to change the border of an element to Hex 759434 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
#759434 }
```

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

```
.border{ border-color:#759434 }
```

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

Here you see how a box with a 4 pixel #759434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #759434; -webkit-box-shadow:4px 4px  
4px 4px #759434; box-shadow:4px 4px 4px  
4px #759434 }
```

# Background

The CSS property to change the background color of an element to Hex 759434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#759434 }
```

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

```
.background{ background-color:#759434 }
```

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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