

# Converting Colors

Hex(759457)

Have a look what the booklet for  
Hex(759457) contains.

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**Color**

**Hex(759457)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	759457
RGB	117, 148, 87
RGB Percent	46%, 58%, 34%
CMY	0.5412, 0.4196, 0.6588
CMYK	0.21, 0.00, 0.41, 0.42
HSL	90°, 26%, 46%
HSV	90°, 41%, 58%
XYZ	19.6463, 25.6498, 12.9323
YIQ	131.7770, 1.1050, -25.5430

# Conversions

## Conversions Part 2

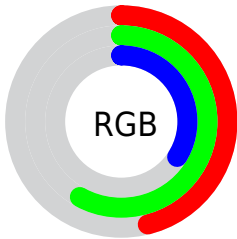
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 148, 118
Decimal	7705687
CIE <sub>Lab</sub>	57.70, -22.05, 28.76
CIE <sub>LCh</sub>	58, 36.246, 127.479
Yxy	25.6498, 0.3374, 0.4405
Android (android.graphics.Color)	4285895767 (0xFF759457)
YUV	131.7770, -22.0751, -12.9594
Hunter-Lab	50.6457, -19.3867, 20.3124

# Details

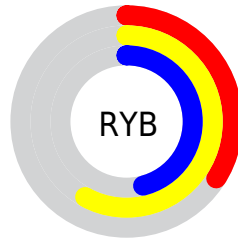
The Hex color **759457** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **765794**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **AACA8A**, and **436128** is the 20% darker color. If you saturate the color by 10%, you get **6D9448**, and if you desaturate by 10%, it is **7D9466**.

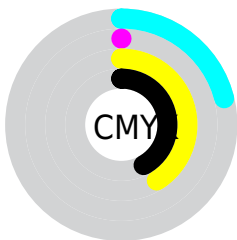
# Distribution



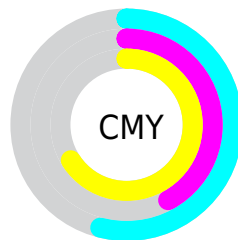
- Red (46%)
- Green (58%)
- Blue (34%)



- Red (34%)
- Yellow (58%)
- Blue (46%)



- Cyan (21%)
- Magenta (0%)
- Yellow (41%)
- Black (42%)



- Cyan (54%)
- Magenta (42%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 759457 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 759457 by changing the saturation by 10% instead.





759457



759457

FFFFFF



5C7A3F



AACA8A



436128



C6E6A4



2B4911



E2FFC0



163200



FFFFDC



001F00



FFFFF8



000000



759457



759457



6D9448



7D9466



669439



849475

 5E942B

 8C9483

 57941C

 939492

 4F940D

 9B94A1

 499400

 A294B0

 AA94BF

 B194CD

 B994DC

# Harmonies

## Analogous

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



978B4B



759457



4C9971

# Triad

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



759457



2294C4



C77184

# Complementary

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



759457



765794

# 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.



B975A4



759457



688BC9

# Square

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



759457



009AB0



987FBD



C47666

# Rectangle

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



759457



289B87



987FBD



C4718F



# Sweetspot

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



759457



B4BFA8



947657



5A6153



E0E0E0



616161



# Same Dimension

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



759457



90BF62



579457



464A43



448A00



050A00



# Inverse Universe

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



765794



9162BF



945794



46434A



46008A



05000A



# Previews

## White Background



This preview shows how the Hex color 759457 looks on a white background.

## Color Contrast Check

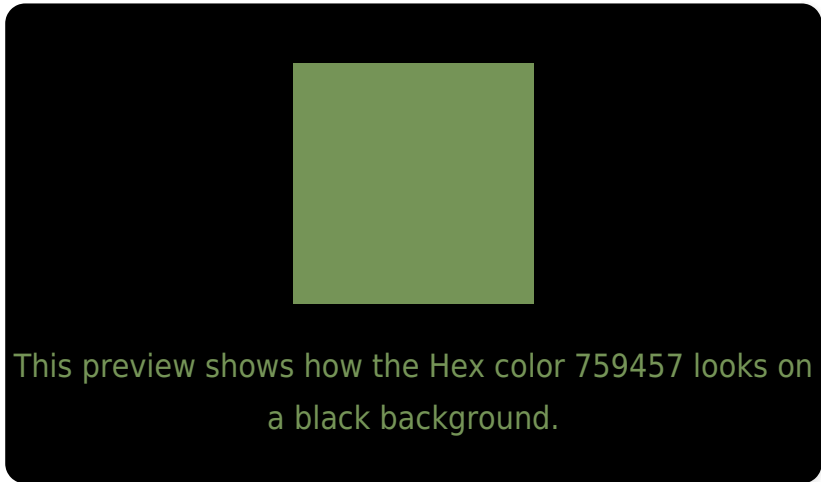
Large Text (above 18pt) WCAG AA ✓ Pass

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

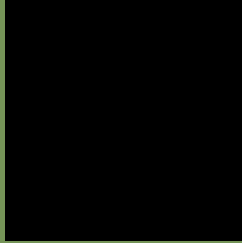
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 759457 Background



This preview shows how black text looks on a background with the Hex color 759457.



This preview shows how white text looks on a background with the Hex color 759457.

# 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**  
7E8C98

# Trichromacy



**Original Color**  
759457

**Protanomaly**  
8B8E54

**Deuteranomaly**  
948A5A

**Tritanomaly**  
7B8F80

# Monochromacy



**Original Color**  
759457

**Achromatopsia**  
848484

**Achromatomaly**  
7F8A7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 759457 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 #759457 looks like.

```
.text, #text, p{  
    color:#759457  
}
```

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 #759457 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #759457
}
```

## Border

The CSS property to change the border of an element to Hex 759457 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
#759457 }
```

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

```
.border{ border-color:#759457 }
```

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

Here you see how a box with a 4 pixel #759457 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #759457; -webkit-box-shadow:4px 4px  
4px 4px #759457; box-shadow:4px 4px 4px  
4px #759457 }
```

# Background

The CSS property to change the background color of an element to Hex 759457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#759457 }
```

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

```
.background{ background-color:#759457 }
```

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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