

# Converting Colors

Hex(759D54)

Have a look what the booklet for  
Hex(759D54) contains.

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**Color**

**Hex(759D54)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	759D54
RGB	117, 157, 84
RGB Percent	46%, 62%, 33%
CMY	0.5412, 0.3843, 0.6706
CMYK	0.25, 0.00, 0.46, 0.38
HSL	93°, 30%, 47%
HSV	93°, 46%, 62%
XYZ	20.9933, 28.5359, 12.7890
YIQ	136.7180, -0.4070, -31.1830

# Conversions

## Conversions Part 2

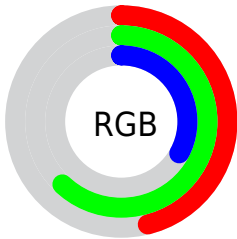
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 157, 124
Decimal	7707988
CIE <sub>Lab</sub>	60.37, -26.94, 33.73
CIE <sub>LCh</sub>	60, 43.165, 128.619
Yxy	28.5359, 0.3369, 0.4579
Android (android.graphics.Color)	4285898068 (0xFF759D54)
YUV	136.7180, -25.9900, -17.2927
Hunter-Lab	53.4190, -23.3340, 23.1987

# Details

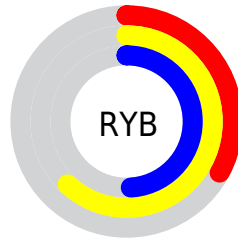
The Hex color **759D54** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7C549D**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **ABD487**, and **426924** is the 20% darker color. If you saturate the color by 10%, you get **6C9D44**, and if you desaturate by 10%, it is **7E9D64**.

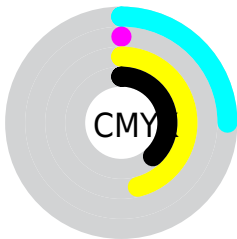
# Distribution



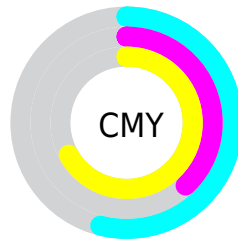
- Red (46%)
- Green (62%)
- Blue (33%)



- Red (33%)
- Yellow (62%)
- Blue (49%)



- Cyan (25%)
- Magenta (0%)
- Yellow (46%)
- Black (38%)



- Cyan (54%)
- Magenta (38%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 759D54 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 759D54 by changing the saturation by 10% instead.



 759D54

 759D54

FFFFFF

 5B833C

 ABD487

 426924

 C6F0A2

 29510B

 E3FFBD

 123A00

 FFFFD9

 002400

 FFFFF6

 000300

 000000

 759D54

 759D54

 6C9D44

 7E9D64

 649D35

 869D73

 5B9D25

 8F9D83

 539D15

 979D93

 4A9D05

 A09DA3

 479D00

 A99DB2

 B19DC2

 BA9DD2

 C29DE1

# Harmonies

## Analogous

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



9E9344



759D54



3FA374

# Triad

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



759D54



009DD8



D97288

# Complementary

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



759D54



7C549D

# 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.



C976AE



759D54



6692DD

# Square

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



759D54



00A3C0



A383CD



D47964

# Rectangle

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



759D54



00A58E



A383CD



D67295



# Sweetspot

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



759D54



BCCCAF



9D7B54



5C6655



E6E6E6



666666



# Same Dimension

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



759D54



8DCC5A



549D56



4B4F47



418F00



070F00



# Inverse Universe

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



7C549D



985ACC



9D549B



4B474F



4E008F



08000F



# Previews

## White Background



This preview shows how the Hex color 759D54 looks on a white background.

## Color Contrast Check

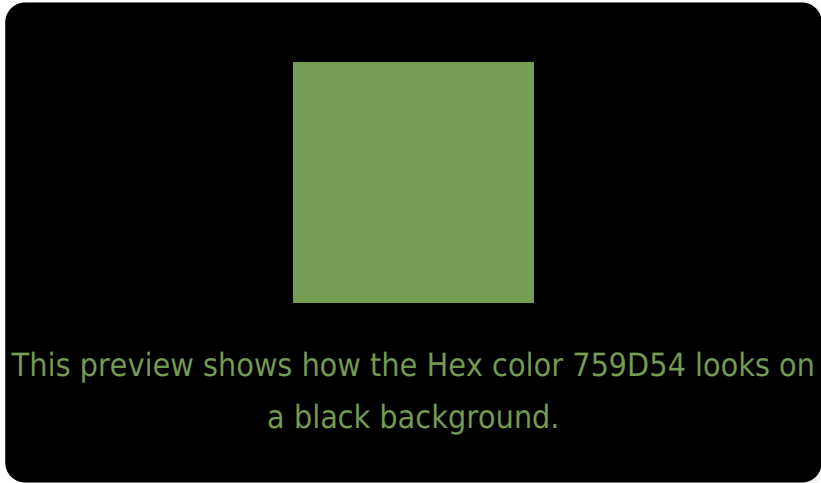
Large Text (above 18pt) WCAG AA ✓ Pass

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 759D54 Background



This preview shows how black text looks on a background with the Hex color 759D54.



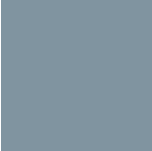
This preview shows how white text looks on a background with the Hex color 759D54.

# 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



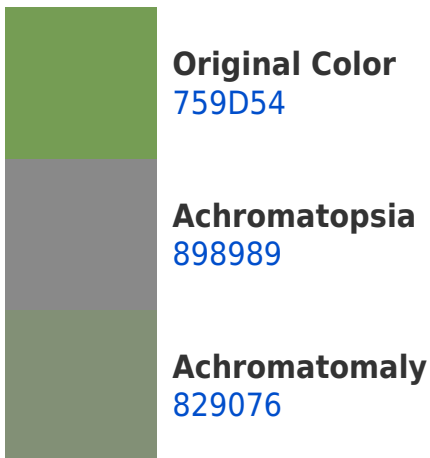


**Tritanopia**  
8094A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 759D54 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 #759D54 looks like.

```
.text, #text, p{  
    color:#759D54  
}
```

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 #759D54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #759D54
}
```

## Border

The CSS property to change the border of an element to Hex 759D54 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
#759D54 }
```

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

```
.border{ border-color:#759D54 }
```

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

Here you see how a box with a 4 pixel #759D54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #759D54; -webkit-box-shadow:4px 4px  
4px 4px #759D54; box-shadow:4px 4px 4px  
4px #759D54 }
```

# Background

The CSS property to change the background color of an element to Hex 759D54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#759D54 }
```

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

```
.background{ background-color:#759D54 }
```

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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