

# Converting Colors

Hex(759163)

Have a look what the booklet for  
Hex(759163) contains.

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**Color**

**Hex(759163)**

# Conversions

## Conversions Part 1

Format	Color
Hex	759163
RGB	117, 145, 99
RGB Percent	46%, 57%, 39%
CMY	0.5412, 0.4314, 0.6118
CMYK	0.19, 0.00, 0.32, 0.43
HSL	97°, 19%, 48%
HSV	97°, 32%, 57%
XYZ	19.7136, 24.9336, 15.5780
YIQ	131.3840, -1.9220, -20.2420

# Conversions

## Conversions Part 2

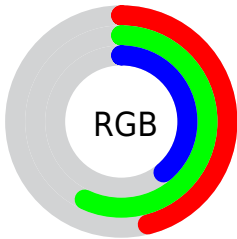
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 145, 127
Decimal	7704931
CIE <sub>Lab</sub>	57.01, -18.73, 21.28
CIE <sub>LCh</sub>	57, 28.348, 131.361
Yxy	24.9336, 0.3273, 0.4140
Android (android.graphics.Color)	4285895011 (0xFF759163)
YUV	131.3840, -15.9653, -12.6148
Hunter-Lab	49.9335, -16.9122, 16.4564

# Details

The Hex color **759163** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7F6391**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **AAC796**, and **445E34** is the 20% darker color. If you saturate the color by 10%, you get **6C9155**, and if you desaturate by 10%, it is **7E9172**.

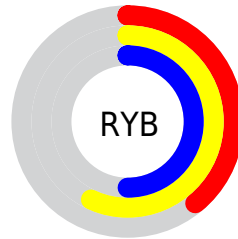
# Distribution



Red (46%)

Green (57%)

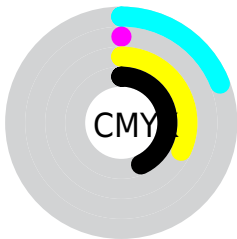
Blue (39%)



Red (39%)

Yellow (57%)

Blue (50%)

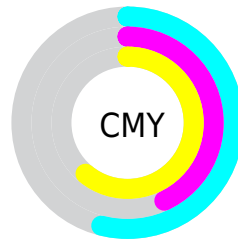


Cyan (19%)

Magenta (0%)

Yellow (32%)

Black (43%)



Cyan (54%)

Magenta (43%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 759163 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 759163 by changing the saturation by 10% instead.



 759163

 759163

FFFFFF

 5C774B

 AAC796

 445E34

 C5E3B1

 2C471E

 E1FFCC

 163007

 FEFEE9

 001C00

 000000

 759163

 759163

 6C9155

 7E9172

 639146

 879180

■ 5B9138

■ 8F918F

■ 529129

■ 98919D

■ 49911B

■ A191AB

■ 40910C

■ AA91BA

■ 399100

■ B391C9

■ BC91D7

■ C491E6

# Harmonies

## Analogous

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



908A58



759163



579578

# Triad

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



759163



4F90B7



BA7680

# Complementary

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



759163



7F6391

# 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.



B07899



759163



7688B9

# Square

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



759163



3495A9



987FAE



B67A69

# Rectangle

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



759163



449689



987FAE



B87689



# Sweetspot

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



759163



B1BDAA



917F63



575E53



DEDEDE



5E5E5E



# Same Dimension

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



759163



91BD75



639168



434740



358700



030800



# Inverse Universe

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



7F6391



A175BD



91638C



454047



520087



050008



# Previews

## White Background



This preview shows how the Hex color 759163 looks on a white background.

## Color Contrast Check

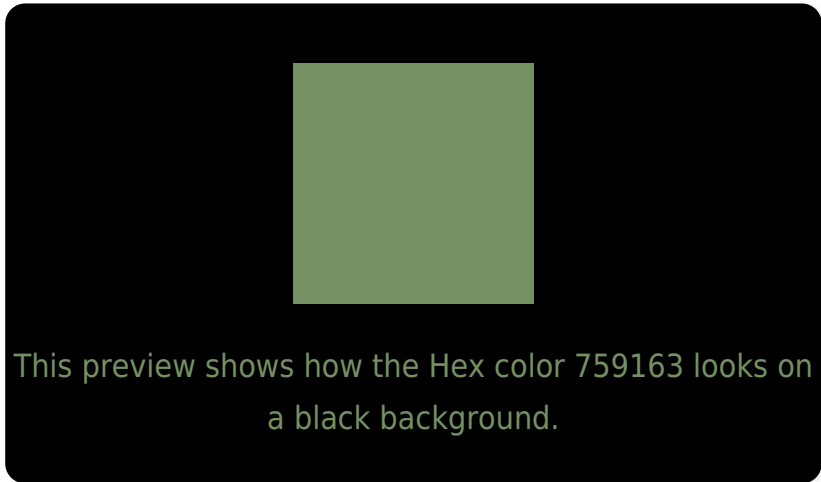
Large Text (above 18pt) WCAG AA ✓ Pass

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

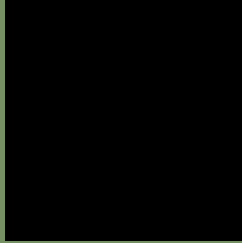
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 759163 Background



This preview shows how black text looks on a background with the Hex color 759163.

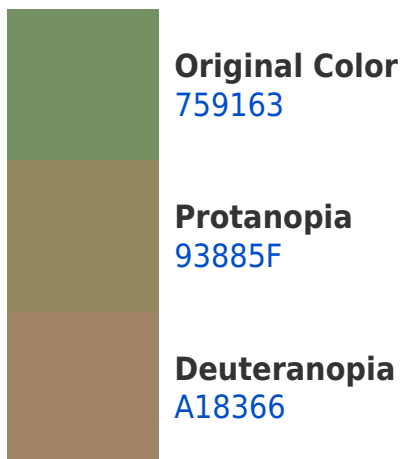


This preview shows how white text looks on a background with the Hex color 759163.

# 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**  
7D8B96

# Trichromacy



**Original Color**  
759163

**Protanomaly**  
888B60

**Deuteranomaly**  
918865

**Tritanomaly**  
7A8D83

# Monochromacy



**Original Color**  
759163

**Achromatopsia**  
838383

**Achromatomaly**  
7E8877

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 759163 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 #759163 looks like.

```
.text, #text, p{  
    color:#759163  
}
```

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 #759163 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #759163
}
```

## Border

The CSS property to change the border of an element to Hex 759163 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
#759163 }
```

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

```
.border{ border-color:#759163 }
```

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

Here you see how a box with a 4 pixel #759163 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #759163; -webkit-box-shadow:4px 4px  
4px 4px #759163; box-shadow:4px 4px 4px  
4px #759163 }
```

# Background

The CSS property to change the background color of an element to Hex 759163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#759163 }
```

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

```
.background{ background-color:#759163 }
```

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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