

# Converting Colors

Hex(739B68)

Have a look what the booklet for  
Hex(739B68) contains.

<b>Hex(739B68)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(739B68)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	739B68
RGB	115, 155, 104
RGB Percent	45%, 61%, 41%
CMY	0.5490, 0.3922, 0.5922
CMYK	0.26, 0.00, 0.33, 0.39
HSL	107°, 20%, 51%
HSV	107°, 33%, 61%
XYZ	21.2903, 28.0870, 17.3959
YIQ	137.2260, -7.4690, -24.3410

# Conversions

## Conversions Part 2

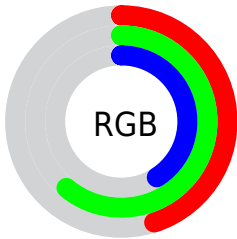
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 155, 144
Decimal	7576424
CIELab	59.97, -23.79, 22.45
CIElCh	60, 32.711, 136.652
Yxy	28.0870, 0.3188, 0.4206
Android (android.graphics.Color)	4285766504 (0xFF739B68)
YUV	137.2260, -16.3804, -19.4922
Hunter-Lab	52.9972, -21.0372, 17.6365

# Details

The Hex color **739B68** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **90689B**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A8D29C**, and **416838** is the 20% darker color. If you saturate the color by 10%, you get **679B59**, and if you desaturate by 10%, it is **7F9B78**.

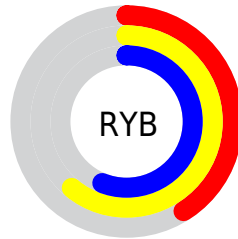
# Distribution



Red (45%)

Green (61%)

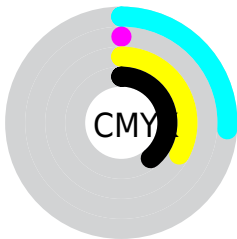
Blue (41%)



Red (41%)

Yellow (61%)

Blue (56%)

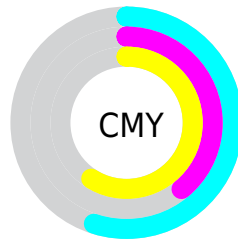


Cyan (26%)

Magenta (0%)

Yellow (33%)

Black (39%)



Cyan (55%)

Magenta (39%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 739B68 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 739B68 by changing the saturation by 10% instead.





739B68



739B68

FFFFFF



5A8150



A8D29C



416838



C3EEB7



294F22



E0FFD2



11380C



FDFFEF



002300



000000



739B68



739B68



679B59



7F9B78



5B9B49



8B9B87

 4F9B39

 979B97

 429B2A

 A49BA6

 369B1A

 B09BB5

 2A9B0B

 BC9BC5

 219B00

 C89BD5

 D49BE4

 E09BF3

# Harmonies

## Analogous

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



949458



739B68



4F9F82

# Triad

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



739B68



5197C8



C97B81

# Complementary

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



739B68



90689B

# 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.



C17C9F



739B68



818EC7

# Square

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



739B68



229DB9



A883B8



C28168

# Rectangle

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



739B68



34A096



A883B8



C87A8B



# Sweetspot

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



739B68



BAC9B5



9B9068



5C665A



E6E6E6



666666



# Same Dimension

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



739B68



8CC97B



689B76



474D45



1E8C00



030D00



# Inverse Universe

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



90689B



B97BC9



9B688D



4B454D



6E008C



0A000D



# Previews

## White Background



This preview shows how the Hex color 739B68 looks on a white background.

## Color Contrast Check

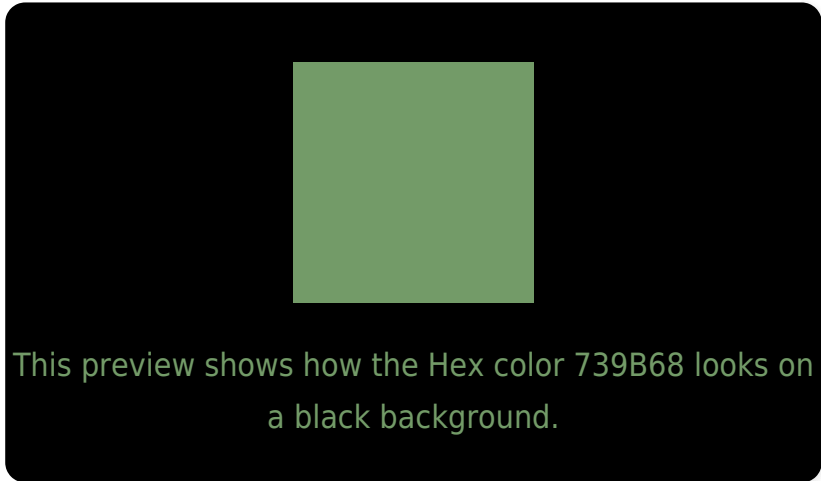
Large Text (above 18pt) WCAG AA ✓ Pass

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

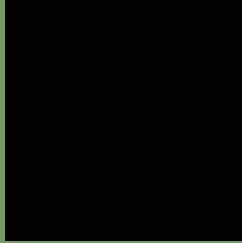
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 739B68 Background



This preview shows how black text looks on a background with the Hex color 739B68.

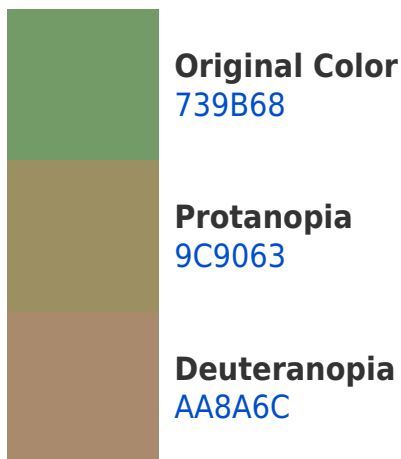


This preview shows how white text looks on a background with the Hex color 739B68.

# 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



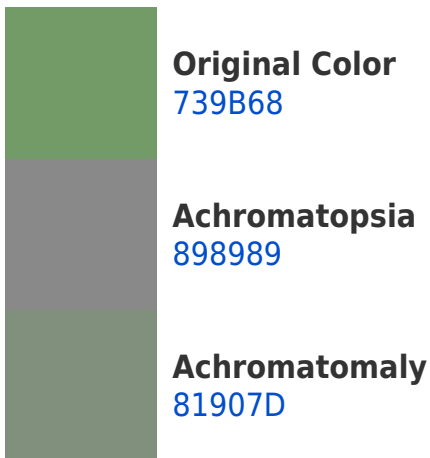


**Tritanopia**  
7C94A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 739B68 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 #739B68 looks like.

```
.text, #text, p{  
    color:#739B68  
}
```

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 #739B68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #739B68
}
```

## Border

The CSS property to change the border of an element to Hex 739B68 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
#739B68 }
```

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

```
.border{ border-color:#739B68 }
```

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

Here you see how a box with a 4 pixel #739B68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #739B68; -webkit-box-shadow:4px 4px  
4px 4px #739B68; box-shadow:4px 4px 4px  
4px #739B68 }
```

# Background

The CSS property to change the background color of an element to Hex 739B68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#739B68 }
```

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

```
.background{ background-color:#739B68 }
```

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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