

# Converting Colors

Hex(739B64)

Have a look what the booklet for  
Hex(739B64) contains.

<b>Hex(739B64)</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(739B64)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	739B64
RGB	115, 155, 100
RGB Percent	45%, 61%, 39%
CMY	0.5490, 0.3922, 0.6078
CMYK	0.26, 0.00, 0.35, 0.39
HSL	104°, 22%, 50%
HSV	104°, 35%, 61%
XYZ	21.0918, 28.0076, 16.3509
YIQ	136.7700, -6.1850, -25.5850

# Conversions

## Conversions Part 2

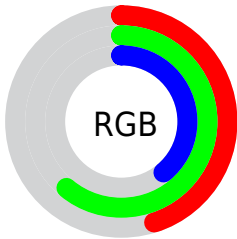
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 155, 140
Decimal	7576420
CIELab	59.90, -24.43, 24.55
CIELCh	60, 34.630, 134.855
Yxy	28.0076, 0.3223, 0.4279
Android (android.graphics.Color)	4285766500 (0xFF739B64)
YUV	136.7700, -18.1276, -19.0923
Hunter-Lab	52.9222, -21.4738, 18.7272

# Details

The Hex color **739B64** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8C649B**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A8D297**, and **416834** is the 20% darker color. If you saturate the color by 10%, you get **689B55**, and if you desaturate by 10%, it is **7E9B74**.

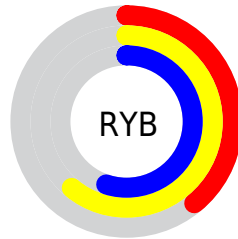
# Distribution



Red (45%)

Green (61%)

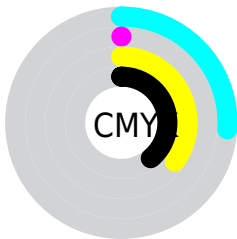
Blue (39%)



Red (39%)

Yellow (61%)

Blue (55%)

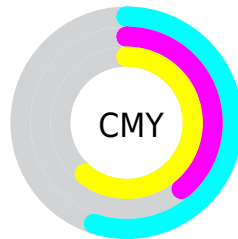


Cyan (26%)

Magenta (0%)

Yellow (35%)

Black (39%)



Cyan (55%)

Magenta (39%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 739B64 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 739B64 by changing the saturation by 10% instead.



 739B64

 739B64

FFFFFF

 5A814C


 A8D297

 416834

 C4EEB2

 294F1E

 E0FFCE

 113807

 FDFFEA

 002300

 000000

 739B64

 739B64

 689B55

 7E9B74

 5C9B45

 8A9B83

 519B36

 959B93

 469B26

 A09BA2

 3B9B17

 AB9BB2

 2F9B07

 B79BC1

 2A9B00

 C29BD1

 CD9BE0

 D89BF0

# Harmonies

## Analogous

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



959354



739B64



4B9F7F

# Triad

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



739B64



4698CB



CC7982

# Complementary

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



739B64



8C649B

# 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.



C27AA1



739B64



7C8ECB

# Square

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



739B64



009EBA



A783BC



C57F67

# Rectangle

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



739B64



2BA194



A783BC



CA788C



# Sweetspot

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



739B64



B9C9B3



9B8B64



5C6659



E6E6E6



666666



# Same Dimension

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



739B64



8AC973



649B70



474D45



268C00



030D00



# Inverse Universe

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



8C649B



B273C9



9B648F



4A454D



66008C



09000D



# Previews

## White Background



This preview shows how the Hex color 739B64 looks on a white background.

## Color Contrast Check

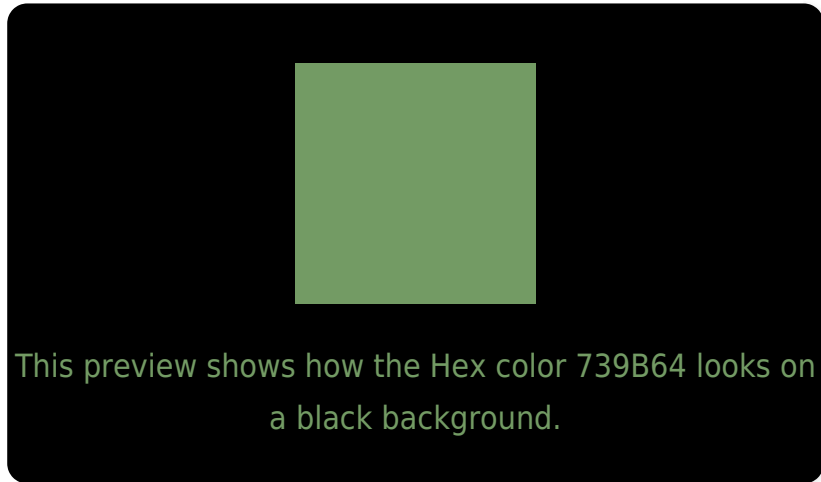
Large Text (above 18pt) WCAG AA ✓ Pass

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 739B64 Background



This preview shows how black text looks on a background with the Hex color 739B64.

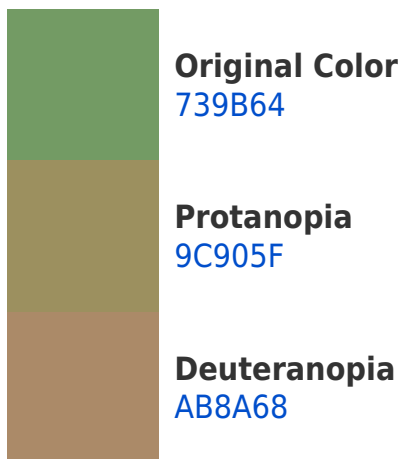


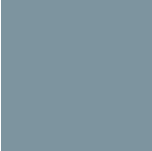
This preview shows how white text looks on a background with the Hex color 739B64.

# 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**  
7D949F

# Trichromacy



**Original Color**  
739B64

**Protanomaly**  
8D9461

**Deuteranomaly**  
979067

**Tritanomaly**  
79978A

# Monochromacy



**Original Color**  
739B64

**Achromatopsia**  
898989

**Achromatomaly**  
81907C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 739B64 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 #739B64 looks like.

```
.text, #text, p{  
    color:#739B64  
}
```

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 #739B64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #739B64
}
```

## Border

The CSS property to change the border of an element to Hex 739B64 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
#739B64 }
```

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

```
.border{ border-color:#739B64 }
```

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

Here you see how a box with a 4 pixel #739B64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #739B64; -webkit-box-shadow:4px 4px  
4px 4px #739B64; box-shadow:4px 4px 4px  
4px #739B64 }
```

# Background

The CSS property to change the background color of an element to Hex 739B64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#739B64 }
```

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

```
.background{ background-color:#739B64 }
```

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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