

# Converting Colors

Hex(739C64)

Have a look what the booklet for  
Hex(739C64) contains.

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# Color

Hex(739C64)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	739C64
RGB	115, 156, 100
RGB Percent	45%, 61%, 39%
CMY	0.5490, 0.3882, 0.6078
CMYK	0.26, 0.00, 0.36, 0.39
HSL	104°, 22%, 50%
HSV	104°, 36%, 61%
XYZ	21.2589, 28.3419, 16.4067
YIQ	137.3570, -6.4600, -26.1080

# Conversions

## Conversions Part 2

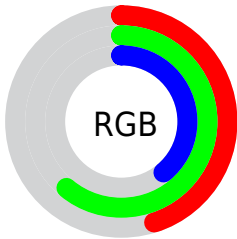
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 156, 141
Decimal	7576676
CIE <sub>Lab</sub>	60.20, -24.92, 24.95
CIE <sub>LCh</sub>	60, 35.264, 134.974
Yxy	28.3419, 0.3221, 0.4294
Android (android.graphics.Color)	4285766756 (0xFF739C64)
YUV	137.3570, -18.4170, -19.6071
Hunter-Lab	53.2371, -21.8852, 18.9939

# Details

The Hex color **739C64** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8D649C**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **A8D397**, and **416834** is the 20% darker color. If you saturate the color by 10%, you get **689C54**, and if you desaturate by 10%, it is **7E9C74**.

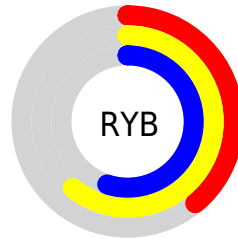
# Distribution



Red (45%)

Green (61%)

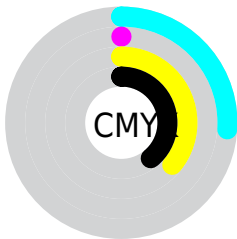
Blue (39%)



Red (39%)

Yellow (61%)

Blue (55%)

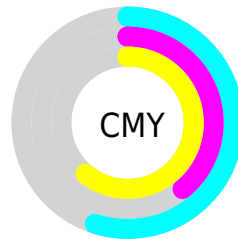


Cyan (26%)

Magenta (0%)

Yellow (36%)

Black (39%)



Cyan (55%)

Magenta (39%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 739C64 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 739C64 by changing the saturation by 10% instead.



 739C64

 739C64

FFFFFF

 5A824C

 A8D397

 416834

 C4EFB2

 29501E

 E0FFCE

 103907

 FDFFEA

 002300

 000100

 000000

 739C64

 739C64

 689C54

 7E9C74

 5C9C45

 8A9C83

 519C35

 959C93

 459C26

 A19CA2

 3A9C16

 AC9CB2

 2E9C06

 B89CC2

 2A9C00

 C39CD1

 CE9CE1

 DA9CF0

# Harmonies

## Analogous

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



969454



739C64



4AA180

# Triad

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



739C64



4599CD



CE7983

# Complementary

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



739C64



8D649C

# 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.



C47BA2



739C64



7D8FCD

# Square

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



739C64



009FBC



A883BD



C77F67

# Rectangle

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



739C64



28A295



A883BD



CC798D



# Sweetspot

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



739C64



BCCCB6



9C8C64



5C6659



E6E6E6



666666



# Same Dimension

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



739C64



8CCC74



649C70



494F47



268F00



040F00



# Inverse Universe

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



8D649C



B574CC



9C6490



4D474F



69008F



0B000F



# Previews

## White Background



This preview shows how the Hex color 739C64 looks on a white background.

## Color Contrast Check

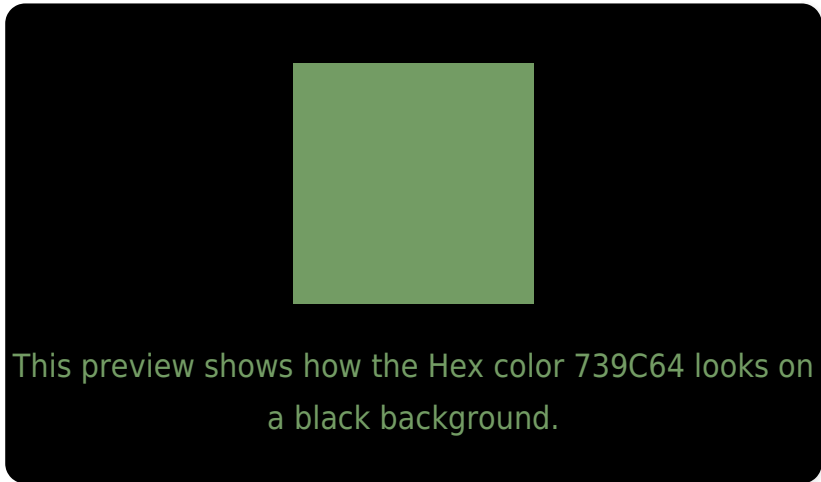
Large Text (above 18pt) WCAG AA ✓ Pass

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

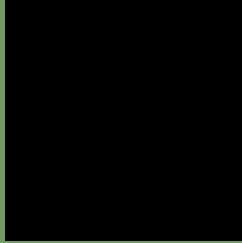
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 739C64 Background



This preview shows how black text looks on a background with the Hex color 739C64.



This preview shows how white text looks on a background with the Hex color 739C64.

# 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](#).

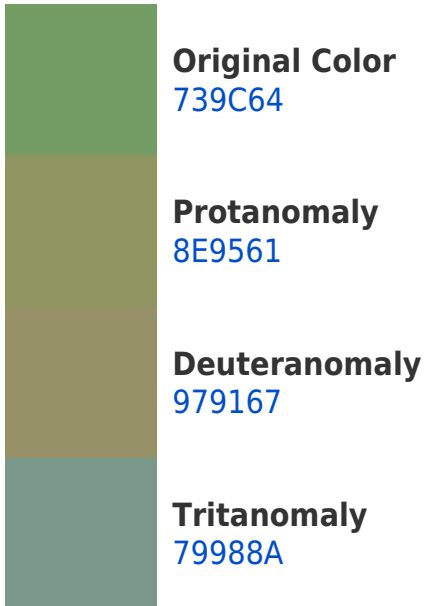
## Dichromacy



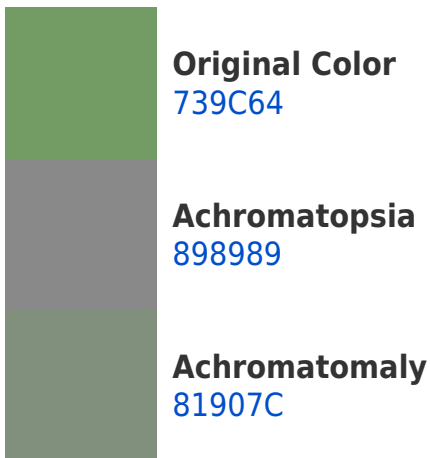


**Tritanopia**  
7D95A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 739C64 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 #739C64 looks like.

```
.text, #text, p{  
    color:#739C64  
}
```

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 #739C64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #739C64
}
```

## Border

The CSS property to change the border of an element to Hex 739C64 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
#739C64 }
```

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

```
.border{ border-color:#739C64 }
```

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

Here you see how a box with a 4 pixel #739C64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #739C64; -webkit-box-shadow:4px 4px  
4px 4px #739C64; box-shadow:4px 4px 4px  
4px #739C64 }
```

# Background

The CSS property to change the background color of an element to Hex 739C64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#739C64 }
```

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

```
.background{ background-color:#739C64 }
```

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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