

# Converting Colors

Hex(73946E)

Have a look what the booklet for  
Hex(73946E) contains.

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# Color

Hex(73946E)

# Conversions

## Conversions Part 1

Format	Color
Hex	73946E
RGB	115, 148, 110
RGB Percent	45%, 58%, 43%
CMY	0.5490, 0.4196, 0.5686
CMYK	0.22, 0.00, 0.26, 0.42
HSL	112°, 15%, 51%
HSV	112°, 26%, 58%
XYZ	20.4746, 25.9504, 18.6817
YIQ	133.8010, -7.4700, -18.8140

# Conversions

## Conversions Part 2

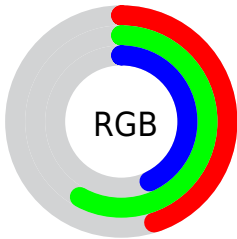
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 148, 143
Decimal	7574638
CIE <sub>Lab</sub>	57.99, -19.19, 16.43
CIE <sub>LCh</sub>	58, 25.268, 139.427
Yxy	25.9504, 0.3145, 0.3986
Android (android.graphics.Color)	4285764718 (0xFF73946E)
YUV	133.8010, -11.7339, -16.4885
Hunter-Lab	50.9416, -17.4044, 13.9158

# Details

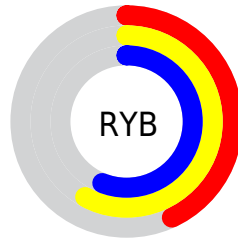
The Hex color **73946E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8F6E94**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **A8CAA2**, and **42613E** is the 20% darker color. If you saturate the color by 10%, you get **66945F**, and if you desaturate by 10%, it is **80947D**.

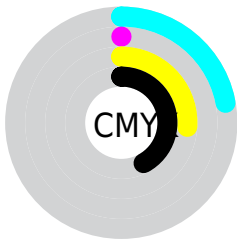
# Distribution



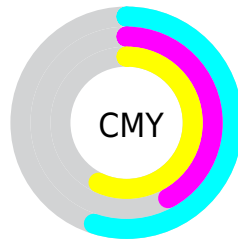
- Red (45%)
- Green (58%)
- Blue (43%)



- Red (43%)
- Yellow (58%)
- Blue (56%)



- Cyan (22%)
- Magenta (0%)
- Yellow (26%)
- Black (42%)



- Cyan (55%)
- Magenta (42%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73946E 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 73946E by changing the saturation by 10% instead.





73946E



73946E

FFFFFF



5A7A56



A8CAA2



42613E



C3E6BD



2B4928



DFFFD9



143213



FCFFF5



001E00



000000



73946E



73946E



66945F



80947D



599450



8D948C

 4C9442

 9A949A

 409433

 A694A9

 339424

 B394B8

 269415

 C094C7

 199406

 CD94D6

 139400

 DA94E4

 E794F3

# Harmonies

## Analogous

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



8C8E61



73946E



5A9783

# Triad

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



73946E



6390B6



B87B7E

# Complementary

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



73946E



8F6E94

# 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.



B27C94



73946E



8488B5

# Square

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



73946E



4A95AC



A081A8



B2806B

# Rectangle

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



73946E



4C9892



A081A8



B77B85



# Sweetspot

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



73946E



B2BFB0



948F6E



586157



E0E0E0



616161



# Same Dimension

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



73946E



8CBF84



6E947C



444A43



128A00



010A00



# Inverse Universe

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



8F6E94



B784BF



946E86



49434A



78008A



09000A



# Previews

## White Background



This preview shows how the Hex color 73946E looks on a white background.

## Color Contrast Check

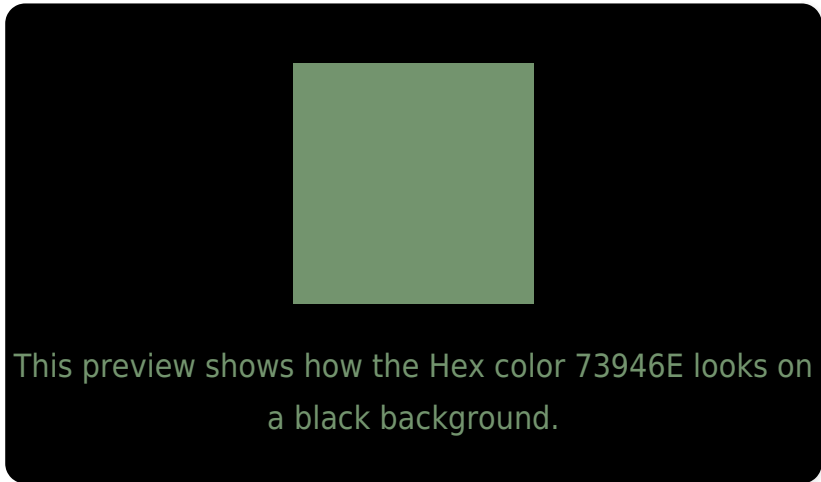
Large Text (above 18pt) WCAG AA ✓ Pass

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

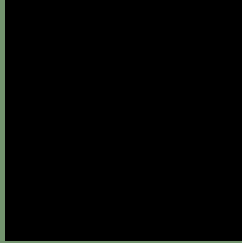
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 73946E Background



This preview shows how black text looks on a background with the Hex color 73946E.

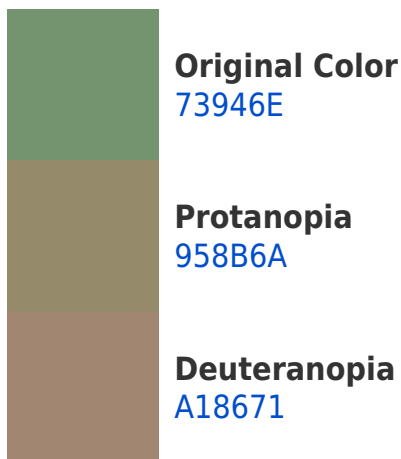


This preview shows how white text looks on a background with the Hex color 73946E.

# 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



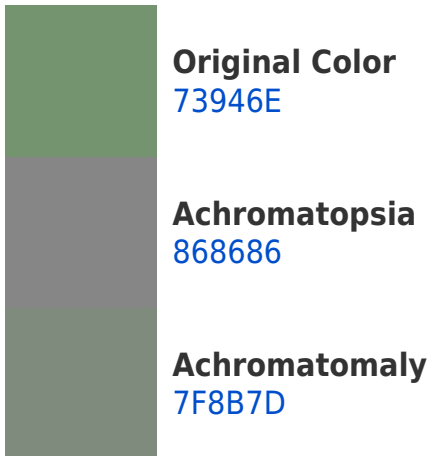


**Tritanopia**  
7A8E9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73946E 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 #73946E looks like.

```
.text, #text, p{  
    color:#73946E  
}
```

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 #73946E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73946E
}
```

## Border

The CSS property to change the border of an element to Hex 73946E 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
#73946E }
```

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

```
.border{ border-color:#73946E }
```

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

Here you see how a box with a 4 pixel #73946E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73946E; -webkit-box-shadow:4px 4px  
4px 4px #73946E; box-shadow:4px 4px 4px  
4px #73946E }
```

# Background

The CSS property to change the background color of an element to Hex 73946E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73946E }
```

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

```
.background{ background-color:#73946E }
```

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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