

Converting Colors

Hex(73986A)

Have a look what the booklet for
Hex(73986A) contains.

Hex(73986A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(73986A)

Conversions

Conversions Part 1

Format	Color
Hex	73986A
RGB	115, 152, 106
RGB Percent	45%, 60%, 42%
CMY	0.5490, 0.4039, 0.5843
CMYK	0.24, 0.00, 0.30, 0.40
HSL	108°, 18%, 51%
HSV	108°, 30%, 60%
XYZ	20.9000, 27.1419, 17.7730
YIQ	135.6930, -7.2860, -22.1500

Conversions

Conversions Part 2

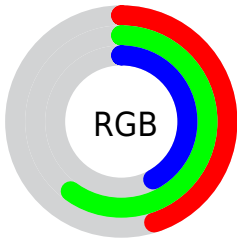
Format	Color
RYB	106, 152, 143
Decimal	7575658
CIELab	59.11, -21.94, 20.19
CIELCh	59, 29.816, 137.379
Yxy	27.1419, 0.3176, 0.4124
Android (android.graphics.Color)	4285765738 (0xFF73986A)
YUV	135.6930, -14.6386, -18.1478
Hunter-Lab	52.0979, -19.5629, 16.2419

Details

The Hex color **73986A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8F6A98**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A8CE9E**, and **42653A** is the 20% darker color. If you saturate the color by 10%, you get **67985B**, and if you desaturate by 10%, it is **7F9879**.

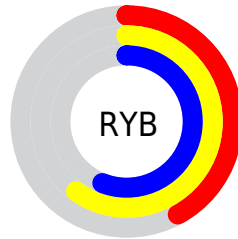
Distribution



Red (45%)

Green (60%)

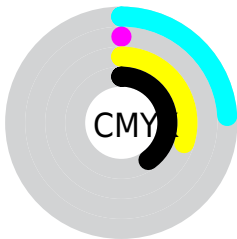
Blue (42%)



Red (42%)

Yellow (60%)

Blue (56%)

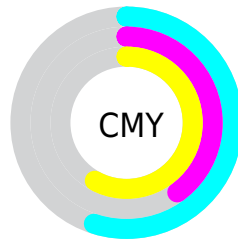


Cyan (24%)

Magenta (0%)

Yellow (30%)

Black (40%)



Cyan (55%)

Magenta (40%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73986A 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 73986A by changing the saturation by 10% instead.



73986A



73986A

FFFFFF



5A7E52



A8CE9E



42653A



C3EBB9



2A4D24



DFFFD4



13360F



FCFFF1



002100



000000



73986A



73986A



67985B



7F9879



5B984C



8B9888

 4E983C

 989898

 42982D

 A498A7

 36981E

 B098B6

 2A980F

 BC98C5

 1E9800

 C998D4

 D598E4

 E198F3

Harmonies

Analogous

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



91915C



73986A



539C82

Triad

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



73986A



5894C1



C27B80

Complementary

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



73986A



8F6A98

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.



BB7B9A



73986A



828CC0

Square

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



73986A



369AB4



A482B2



BC8069

Rectangle

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



73986A



3F9D94



A482B2



C17A89

Sweetspot

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



73986A



B6C4B3



988F6A



5B6359



E3E3E3



636363

Same Dimension

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



73986A



8BC47E



6A9878



464D45



1B8C00



020D00

Inverse Universe

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



8F6A98



B77EC4



986A8A



4B454D



71008C



0A000D

Previews

White Background



This preview shows how the Hex color 73986A looks on a white background.

Color Contrast Check

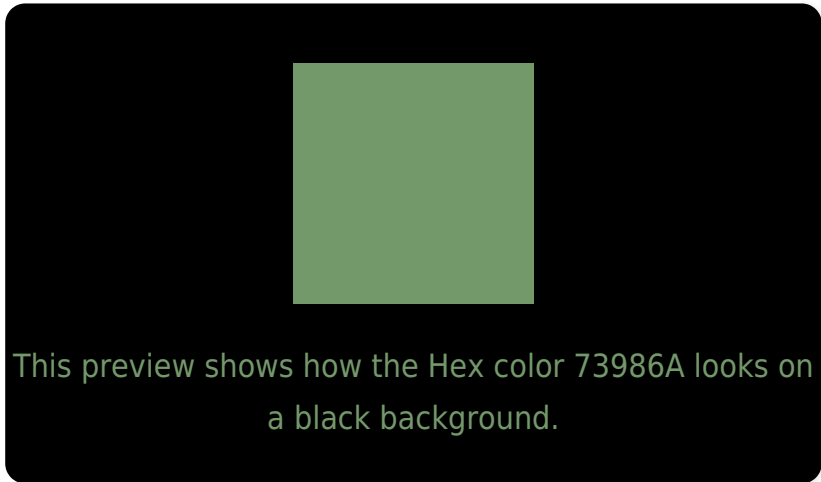
Large Text (above 18pt) WCAG AA ✓ Pass

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

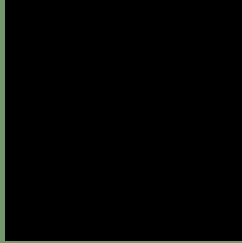
Any Text WCAG AA ✓ Pass

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 73986A Background



This preview shows how black text looks on a background with the Hex color 73986A.



This preview shows how white text looks on a background with the Hex color 73986A.

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](#).

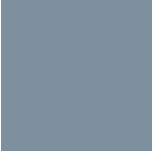
Dichromacy



Original Color
73986A

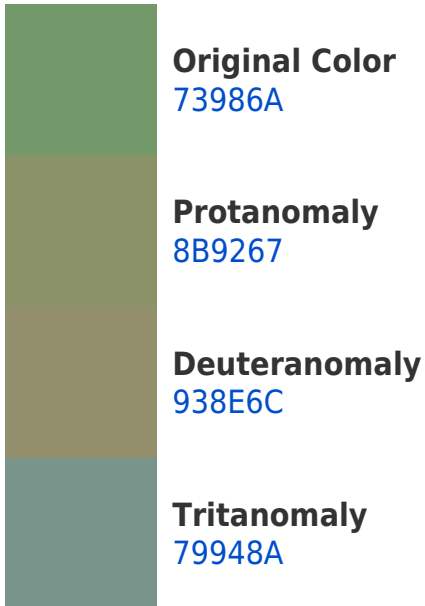
Protanopia
998E66

Deuteranopia
A6886D

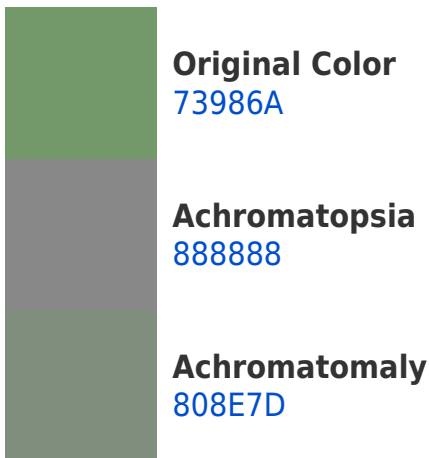


Tritanopia
7C919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 73986A 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 #73986A looks like.

```
.text, #text, p{  
    color:#73986A  
}
```

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 #73986A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73986A
}
```

Border

The CSS property to change the border of an element to Hex 73986A 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
#73986A }
```

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

```
.border{ border-color:#73986A }
```

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

Here you see how a box with a 4 pixel #73986A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73986A; -webkit-box-shadow:4px 4px  
4px 4px #73986A; box-shadow:4px 4px 4px  
4px #73986A }
```

Background

The CSS property to change the background color of an element to Hex 73986A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73986A }
```

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

```
.background{ background-color:#73986A }
```

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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