

# Converting Colors

Hex(74995C)

Have a look what the booklet for  
Hex(74995C) contains.

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**Color**

**Hex(74995C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74995C
RGB	116, 153, 92
RGB Percent	45%, 60%, 36%
CMY	0.5451, 0.4000, 0.6392
CMYK	0.24, 0.00, 0.40, 0.40
HSL	96°, 25%, 48%
HSV	96°, 40%, 60%
XYZ	20.5255, 27.2682, 14.3067
YIQ	134.9830, -2.4710, -26.8150

# Conversions

## Conversions Part 2

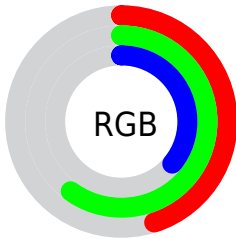
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 153, 129
Decimal	7641436
CIE <sub>Lab</sub>	59.22, -24.25, 28.02
CIE <sub>LCh</sub>	59, 37.056, 130.884
Yxy	27.2682, 0.3305, 0.4391
Android (android.graphics.Color)	4285831516 (0xFF74995C)
YUV	134.9830, -21.1906, -16.6481
Hunter-Lab	52.2189, -21.2210, 20.3093

# Details

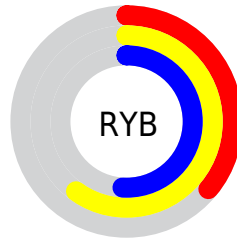
The Hex color **74995C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **815C99**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **A9D08F**, and **42662D** is the 20% darker color. If you saturate the color by 10%, you get **6B994D**, and if you desaturate by 10%, it is **7D996B**.

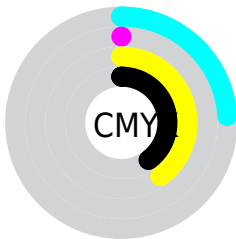
# Distribution



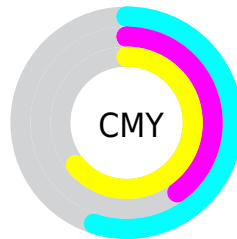
- Red (45%)
- Green (60%)
- Blue (36%)



- Red (36%)
- Yellow (60%)
- Blue (51%)



- Cyan (24%)
- Magenta (0%)
- Yellow (40%)
- Black (40%)



- Cyan (55%)
- Magenta (40%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74995C 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 74995C by changing the saturation by 10% instead.





74995C



74995C

FFFFFF



5B7F44



A9D08F



42662D



C5ECAA



2A4E16



E1FFC5



133600



FEFFE1



002200

FFFFFFE



000000



74995C



74995C



6B994D



7D996B



61993D



87997B

■ 58992E

■ 90998A

■ 4F991F

■ 999999

■ 46990F

■ A299A9

■ 3C9900

■ AC99B8

■ B599C7

■ BE99D6

■ C899E6

# Harmonies

## Analogous

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



98904D



74995C



499E78

# Triad

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



74995C



2D98CB



CD7584

# Complementary

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



74995C



815C99

# 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.



C077A5



74995C



718ECE

# Square

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



74995C



009EB8



A182C0



C87A66

# Rectangle

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



74995C



20A08E



A182C0



CB748F



# Sweetspot

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



74995C



B8C7AF



99815C



5B6356



E3E3E3



636363



# Same Dimension

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



74995C



8DC767



5C9962



484D45



378C00



050D00



# Inverse Universe

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



815C99



A167C7



995C93



49454D



55008C



08000D



# Previews

## White Background



This preview shows how the Hex color 74995C looks on a white background.

## Color Contrast Check

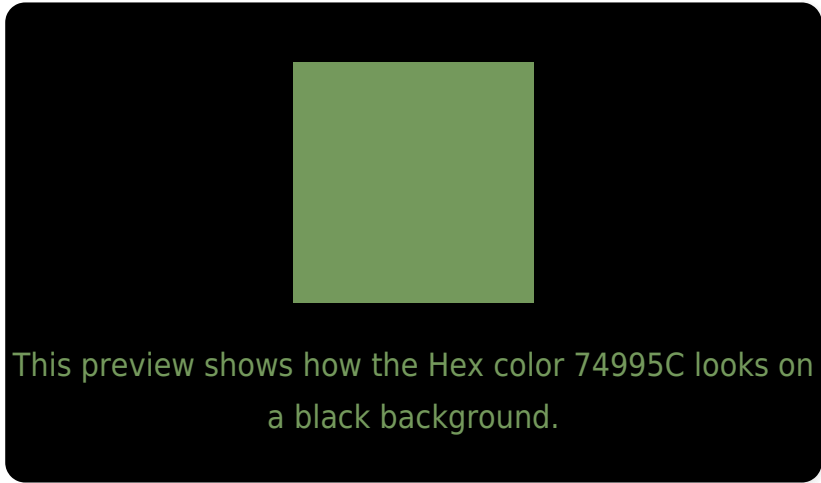
Large Text (above 18pt) WCAG AA ✓ Pass

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

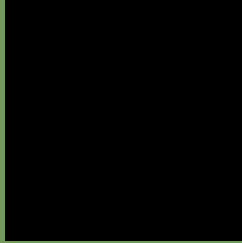
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 74995C Background



This preview shows how black text looks on a background with the Hex color 74995C.



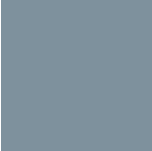
This preview shows how white text looks on a background with the Hex color 74995C.

# 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**  
7E919D

# Trichromacy



**Original Color**  
74995C

**Protanomaly**  
8D9259

**Deuteranomaly**  
968E5F

**Tritanomaly**  
7A9485

# Monochromacy



**Original Color**  
74995C

**Achromatopsia**  
878787

**Achromatomaly**  
808E77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74995C 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 #74995C looks like.

```
.text, #text, p{  
    color:#74995C  
}
```

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 #74995C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74995C
}
```

## Border

The CSS property to change the border of an element to Hex 74995C 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
#74995C }
```

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

```
.border{ border-color:#74995C }
```

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

Here you see how a box with a 4 pixel #74995C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74995C; -webkit-box-shadow:4px 4px  
4px 4px #74995C; box-shadow:4px 4px 4px  
4px #74995C }
```

# Background

The CSS property to change the background color of an element to Hex 74995C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74995C }
```

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

```
.background{ background-color:#74995C }
```

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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