

Converting Colors

Hex(75834E)

Have a look what the booklet for
Hex(75834E) contains.

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Color

Hex(75834E)

Conversions

Conversions Part 1

Format	Color
Hex	75834E
RGB	117, 131, 78
RGB Percent	46%, 51%, 31%
CMY	0.5412, 0.4863, 0.6941
CMYK	0.11, 0.00, 0.40, 0.49
HSL	76°, 25%, 41%
HSV	76°, 40%, 51%
XYZ	16.8276, 20.5646, 10.2902
YIQ	120.7720, 8.6690, -19.4510

Conversions

Conversions Part 2

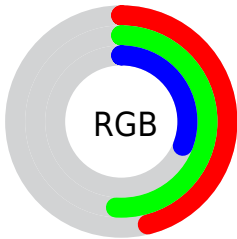
Format	Color
RYB	78, 131, 92
Decimal	7701326
CIELab	52.47, -14.37, 26.95
CIELCh	52, 30.543, 118.067
Yxy	20.5646, 0.3529, 0.4313
Android (android.graphics.Color)	4285891406 (0xFF75834E)
YUV	120.7720, -21.0866, -3.3080
Hunter-Lab	45.3482, -13.1224, 18.2899

Details

The Hex color **75834E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5C4E83**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **AAB880**, and **445220** is the 20% darker color. If you saturate the color by 10%, you get **728341**, and if you desaturate by 10%, it is **78835B**.

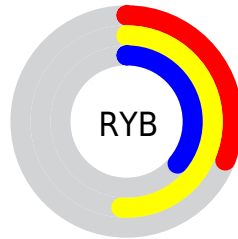
Distribution



Red (46%)

Green (51%)

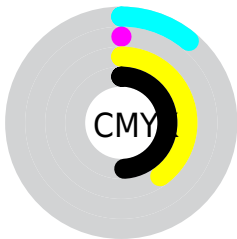
Blue (31%)



Red (31%)

Yellow (51%)

Blue (36%)

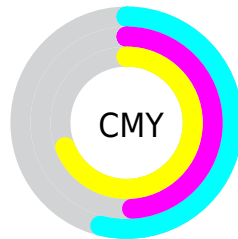


Cyan (11%)

Magenta (0%)

Yellow (40%)

Black (49%)



Cyan (54%)

Magenta (49%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75834E 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 75834E by changing the saturation by 10% instead.



75834E



75834E

FFFFFF



5C6A36



AAB880



445220



C5D49A



2C3B09



E2F0B5



172500



FFFFD1



001000



FFFFED



000000



75834E



75834E



728341



78835B



6E8334



7C8368

■ 6B8327

■ 7F8375

■ 67831A

■ 838382

■ 64830C

■ 868390

■ 608300

■ 8A839D

■ 8D83AA

■ 9183B7

■ 9483C4

Harmonies

Analogous

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



907B48



75834E



568861

Triad

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



75834E



2287A9



AD6980

Complementary

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



75834E



5C4E83

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.



9D6E99



75834E



5480B1

Square

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



75834E



058B95



7E77AB



B06B66

Rectangle

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



75834E



3F8A71



7E77AB



A96A89

Sweetspot

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



75834E



A5AB96



835B4E



53574B



D6D6D6



575757

Same Dimension

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



75834E



95AB57



5B834E



41423C



608200



020300

Inverse Universe

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



5C4E83



6D57AB



764E83



3D3C42



220082



010003

Previews

White Background



This preview shows how the Hex color 75834E looks on a white background.

Color Contrast Check

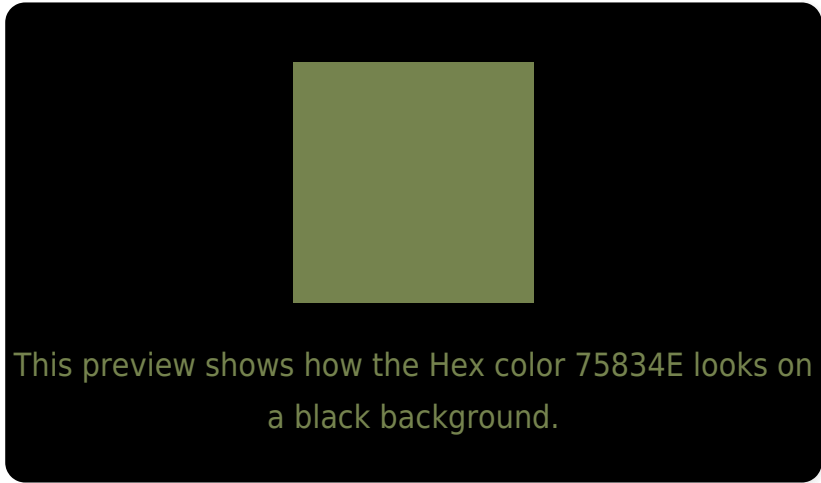
Large Text (above 18pt) WCAG AA ✓ Pass

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

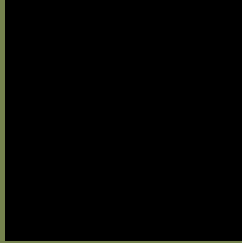
Any Text WCAG AA ✓ Pass

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 75834E Background



This preview shows how black text looks on a background with the Hex color 75834E.



This preview shows how white text looks on a background with the Hex color 75834E.

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
75834E

Protanopia
897D4C

Deuteranopia
967751



Tritanopia
7C7C86

Trichromacy



Original Color
75834E

Protanomaly
827F4D

Deuteranomaly
8A7B50

Tritanomaly
797F72

Monochromacy



Original Color
75834E

Achromatopsia
797979

Achromatomaly
787D69

CSS Examples

Text

The CSS property to change the color of the text to Hex 75834E 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 #75834E looks like.

```
.text, #text, p{  
    color:#75834E  
}
```

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 #75834E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75834E
}
```

Border

The CSS property to change the border of an element to Hex 75834E 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
#75834E }
```

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

```
.border{ border-color:#75834E }
```

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

Here you see how a box with a 4 pixel #75834E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75834E; -webkit-box-shadow:4px 4px  
4px 4px #75834E; box-shadow:4px 4px 4px  
4px #75834E }
```

Background

The CSS property to change the background color of an element to Hex 75834E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75834E }
```

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

```
.background{ background-color:#75834E }
```

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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