

Converting Colors

Hex(5A874E)

Have a look what the booklet for
Hex(5A874E) contains.

Hex(5A874E)	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(5A874E)

Conversions

Conversions Part 1

Format	Color
Hex	5A874E
RGB	90, 135, 78
RGB Percent	35%, 53%, 31%
CMY	0.6471, 0.4706, 0.6941
CMYK	0.33, 0.00, 0.42, 0.47
HSL	107°, 27%, 42%
HSV	107°, 42%, 53%
XYZ	14.2556, 20.0517, 10.3267
YIQ	115.0470, -8.5230, -27.2670

Conversions

Conversions Part 2

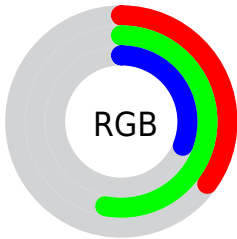
Format	Color
RYB	78, 135, 123
Decimal	5932878
CIELab	51.90, -27.00, 25.85
CIELCh	52, 37.381, 136.240
Yxy	20.0517, 0.3194, 0.4492
Android (android.graphics.Color)	4284122958 (0xFF5A874E)
YUV	115.0470, -18.2642, -21.9662
Hunter-Lab	44.7791, -21.5373, 17.6722

Details

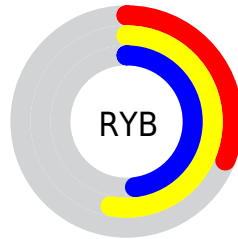
The Hex color **5A874E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7B4E87**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **8EBD80**, and **295520** is the 20% darker color. If you saturate the color by 10%, you get **4F8741**, and if you desaturate by 10%, it is **65875C**.

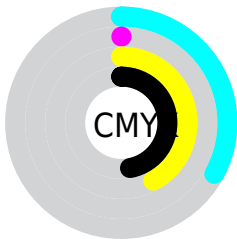
Distribution



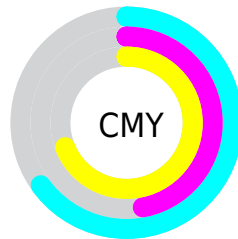
- Red (35%)
- Green (53%)
- Blue (31%)



- Red (31%)
- Yellow (53%)
- Blue (48%)



- Cyan (33%)
- Magenta (0%)
- Yellow (42%)
- Black (47%)



- Cyan (65%)
- Magenta (47%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A874E 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 5A874E by changing the saturation by 10% instead.



5A874E



5A874E

FFFFFF



416D36



8EBD80



295520



A9D89A



0F3D09



C5F5B5



002700



E1FFD1



000D00



FEFFED



000000



5A874E



5A874E



4F8741



65875C



458733



6F8769

 3A8726

 7A8777

 2F8718

 858784

 25870B

 8F8792

 1C8700

 9A879F

 A587AD

 AF87BA

 BA87C8

Harmonies

Analogous

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



7E7F3C



5A874E



288B6B

Triad

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



5A874E



1983B9



B9626B

Complementary

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



5A874E



7B4E87

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.



B0638C



5A874E



6779B9

Square

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



5A874E



008AA9



956DA8



B1694F

Rectangle

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



5A874E



008C82



956DA8



B86176

Sweetspot

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



5A874E



9EB099



877B4E



4E594B



D9D9D9



595959

Same Dimension

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



5A874E



69B056



4E875E



3D423C



1B8200



010300

Inverse Universe

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



7B4E87



9D56B0



874E77



413C42



670082



020003

Previews

White Background



This preview shows how the Hex color 5A874E looks on a white background.

Color Contrast Check

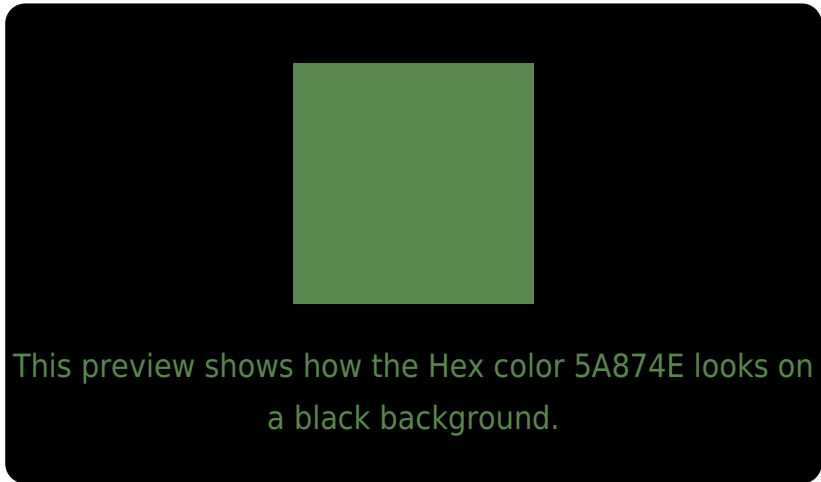
Large Text (above 18pt) WCAG AA ✓ Pass

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

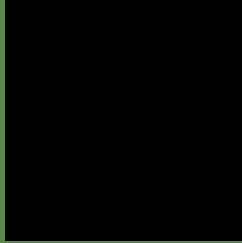
Any Text WCAG AA ✓ Pass

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 5A874E Background



This preview shows how black text looks on a background with the Hex color 5A874E.

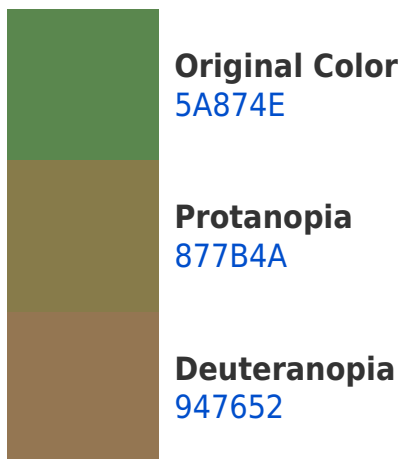


This preview shows how white text looks on a background with the Hex color 5A874E.

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](#).

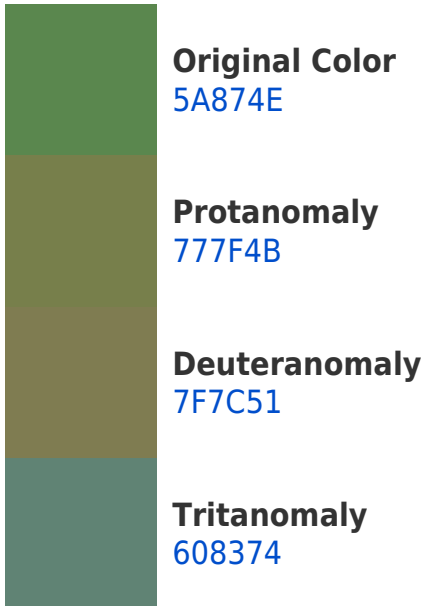
Dichromacy



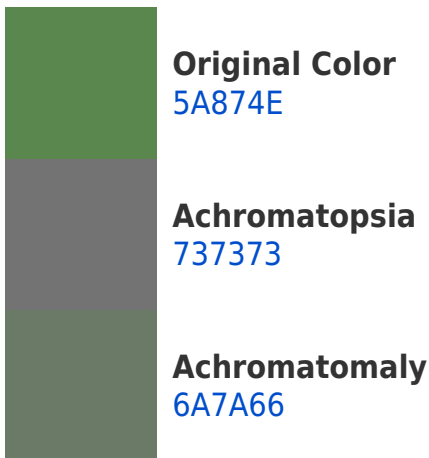


Tritanopia
64808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A874E 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 #5A874E looks like.

```
.text, #text, p{  
    color:#5A874E  
}
```

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 #5A874E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A874E
}
```

Border

The CSS property to change the border of an element to Hex 5A874E 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
#5A874E }
```

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

```
.border{ border-color:#5A874E }
```

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

Here you see how a box with a 4 pixel #5A874E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A874E; -webkit-box-shadow:4px 4px  
4px 4px #5A874E; box-shadow:4px 4px 4px  
4px #5A874E }
```

Background

The CSS property to change the background color of an element to Hex 5A874E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A874E }
```

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

```
.background{ background-color:#5A874E }
```

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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