

Converting Colors

Hex(5E874A)

Have a look what the booklet for
Hex(5E874A) contains.

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Color

Hex(5E874A)

Conversions

Conversions Part 1

Format	Color
Hex	5E874A
RGB	94, 135, 74
RGB Percent	37%, 53%, 29%
CMY	0.6314, 0.4706, 0.7098
CMYK	0.30, 0.00, 0.45, 0.47
HSL	100°, 29%, 41%
HSV	100°, 45%, 53%
XYZ	14.5161, 20.2020, 9.6129
YIQ	115.7870, -4.8550, -27.6630

Conversions

Conversions Part 2

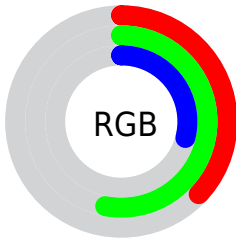
Format	Color
RYB	74, 135, 115
Decimal	6195018
CIELab	52.06, -26.12, 28.30
CIELCh	52, 38.509, 132.707
Yxy	20.2020, 0.3274, 0.4557
Android (android.graphics.Color)	4284385098 (0xFF5E874A)
YUV	115.7870, -20.6010, -19.1072
Hunter-Lab	44.9467, -21.0079, 18.7822

Details

The Hex color **5E874A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **734A87**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **92BD7C**, and **2D551C** is the 20% darker color. If you saturate the color by 10%, you get **55873D**, and if you desaturate by 10%, it is **678758**.

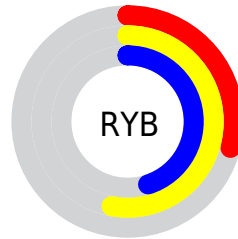
Distribution



Red (37%)

Green (53%)

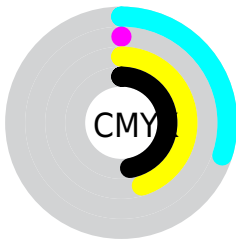
Blue (29%)



Red (29%)

Yellow (53%)

Blue (45%)

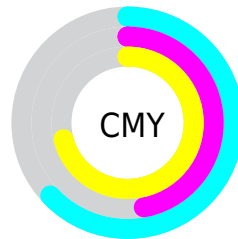


Cyan (30%)

Magenta (0%)

Yellow (45%)

Black (47%)



Cyan (63%)

Magenta (47%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E874A 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 5E874A by changing the saturation by 10% instead.



5E874A



5E874A

FFFFFF



456D32



92BD7C



2D551C



ADD896



143D04



C9F5B1



002700



E5FFCC



000E00



FFFFE9



000000



5E874A



5E874A



55873D



678758



4C872F



708765

■ 438721

■ 798773

■ 3A8714

■ 828780

■ 318706

■ 8B878E

■ 2C8700

■ 94879B

■ 9E87A9

■ A787B6

■ B087C4

Harmonies

Analogous

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



827F3A



5E874A



2C8C67

Triad

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



5E874A



0085BB



BB616F

Complementary

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



5E874A



734A87

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.



AF6391



5E874A



5F7BBC

Square

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



5E874A



008BA8



916EAD



B46851

Rectangle

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



5E874A



008D7E



916EAD



B9617A

Sweetspot

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



5E874A



9FB097



87734A



4F594A



D9D9D9



595959

Same Dimension

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



5E874A



70B051



4A8754



3E423C



2B8200



010300

Inverse Universe

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



734A87



9151B0



874A7D



403C42



570082



020003

Previews

White Background



This preview shows how the Hex color 5E874A 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 5E874A Background



This preview shows how black text looks on a background with the Hex color 5E874A.

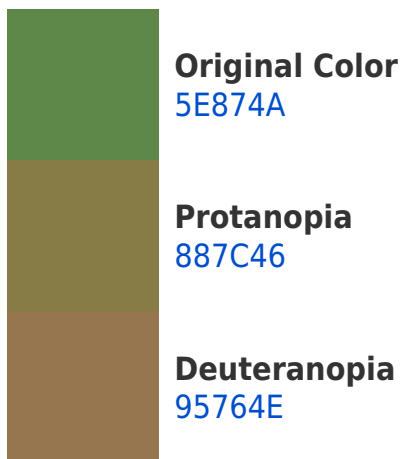


This preview shows how white text looks on a background with the Hex color 5E874A.

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
68808A

Trichromacy



Original Color
5E874A

Protanomaly
798047

Deuteranomaly
817C4D

Tritanomaly
648373

Monochromacy



Original Color
5E874A

Achromatopsia
747474

Achromatomaly
6C7B65

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E874A 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 #5E874A looks like.

```
.text, #text, p{  
    color:#5E874A  
}
```

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 #5E874A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E874A
}
```

Border

The CSS property to change the border of an element to Hex 5E874A 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
#5E874A }
```

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

```
.border{ border-color:#5E874A }
```

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

Here you see how a box with a 4 pixel #5E874A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E874A; -webkit-box-shadow:4px 4px  
4px 4px #5E874A; box-shadow:4px 4px 4px  
4px #5E874A }
```

Background

The CSS property to change the background color of an element to Hex 5E874A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E874A }
```

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

```
.background{ background-color:#5E874A }
```

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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