

Converting Colors

Hex(57834A)

Have a look what the booklet for
Hex(57834A) contains.

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Color

Hex(57834A)

Conversions

Conversions Part 1

Format	Color
Hex	57834A
RGB	87, 131, 74
RGB Percent	34%, 51%, 29%
CMY	0.6588, 0.4863, 0.7098
CMYK	0.34, 0.00, 0.44, 0.49
HSL	106°, 28%, 40%
HSV	106°, 44%, 51%
XYZ	13.2828, 18.7532, 9.3982
YIQ	111.3460, -7.9270, -27.0550

Conversions

Conversions Part 2

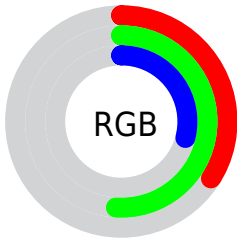
Format	Color
RYB	74, 131, 118
Decimal	5735242
CIELab	50.40, -26.73, 26.09
CIElCh	50, 37.349, 135.689
Yxy	18.7532, 0.3206, 0.4526
Android (android.graphics.Color)	4283925322 (0xFF57834A)
YUV	111.3460, -18.4116, -21.3514
Hunter-Lab	43.3050, -21.0331, 17.4462

Details

The Hex color **57834A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **764A83**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **8BB87C**, and **26511C** is the 20% darker color. If you saturate the color by 10%, you get **4D833D**, and if you desaturate by 10%, it is **618357**.

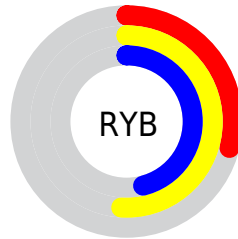
Distribution



Red (34%)

Green (51%)

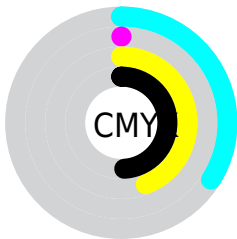
Blue (29%)



Red (29%)

Yellow (51%)

Blue (46%)

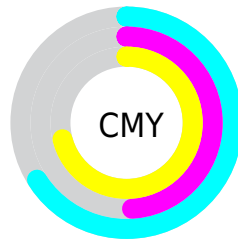


Cyan (34%)

Magenta (0%)

Yellow (44%)

Black (49%)



Cyan (66%)

Magenta (49%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57834A 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 57834A by changing the saturation by 10% instead.



57834A



57834A

FFFFFF



3E6A33



8BB87C



26511C



A6D496



0C3A04



C1F1B1



002400



DFFFCC



000300



FAFFE8



000000



57834A



57834A



4D833D



618357



438330



6B8364

 398323

 758371

 2F8316

 7F837E

 248309

 8A838B

 1E8300

 948399

 9E83A6

 A883B3

 B283C0

Harmonies

Analogous

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



7B7B39



57834A



248767

Triad

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



57834A



0A80B5



B45E68

Complementary

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



57834A



764A83

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.



AB5F89



57834A



6275B5

Square

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



57834A



0086A5



9069A5



AD654C

Rectangle

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



57834A



00887D



9069A5



B35D73

Sweetspot

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



57834A



9AAB95



83764A



4C5749



D6D6D6



575757

Same Dimension

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



57834A



66AB52



4A8359



3D423C



1E8200



010300

Inverse Universe

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



764A83



9752AB



834A74



413C42



640082



020003

Previews

White Background



This preview shows how the Hex color 57834A looks on a white background.

Color Contrast Check

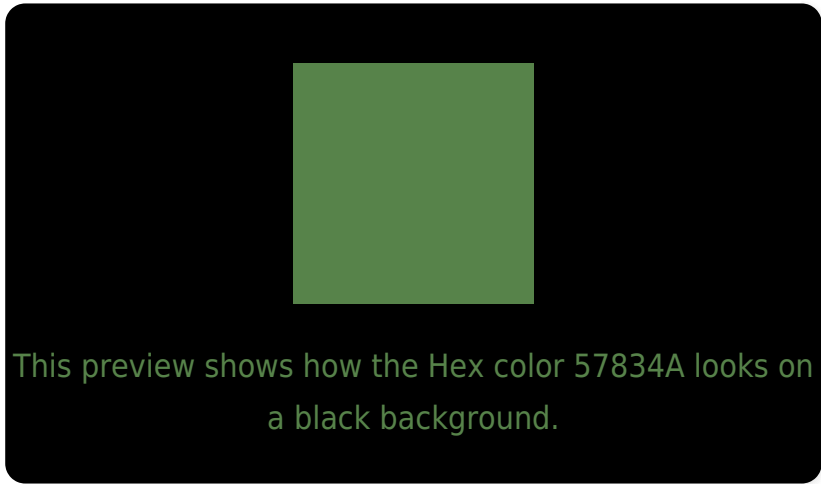
Large Text (above 18pt) WCAG AA ✓ Pass

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

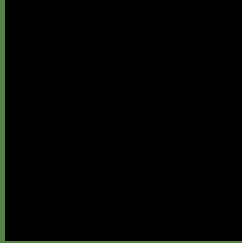
Any Text WCAG AA ✓ Pass

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 57834A Background



This preview shows how black text looks on a background with the Hex color 57834A.



This preview shows how white text looks on a background with the Hex color 57834A.

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
57834A

Protanopia
837846

Deuteranopia
90724E



Tritanopia
617C86

Trichromacy



Original Color
57834A

Protanomaly
737C47

Deuteranomaly
7B784D

Tritanomaly
5D7F70

Monochromacy



Original Color
57834A

Achromatopsia
6F6F6F

Achromatomaly
667662

CSS Examples

Text

The CSS property to change the color of the text to Hex 57834A 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 #57834A looks like.

```
.text, #text, p{  
    color:#57834A  
}
```

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 #57834A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57834A
}
```

Border

The CSS property to change the border of an element to Hex 57834A 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".

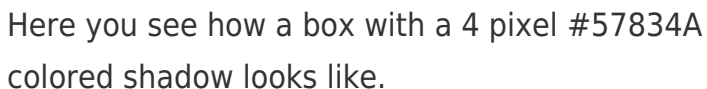
```
.border, #border, table{ border:4px solid
#57834A }
```

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

```
.border{ border-color:#57834A }
```

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

Here you see how a box with a 4 pixel #57834A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57834A; -webkit-box-shadow:4px 4px  
4px 4px #57834A; box-shadow:4px 4px 4px  
4px #57834A }
```

Background

The CSS property to change the background color of an element to Hex 57834A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57834A }
```

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

```
.background{ background-color:#57834A }
```

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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