

Converting Colors

Hex(5A704E)

Have a look what the booklet for
Hex(5A704E) contains.

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Color

Hex(5A704E)

Conversions

Conversions Part 1

Format	Color
Hex	5A704E
RGB	90, 112, 78
RGB Percent	35%, 44%, 31%
CMY	0.6471, 0.5608, 0.6941
CMYK	0.20, 0.00, 0.30, 0.56
HSL	99°, 18%, 37%
HSV	99°, 30%, 44%
XYZ	11.3858, 14.3121, 9.3701
YIQ	101.5460, -2.1980, -15.2380

Conversions

Conversions Part 2

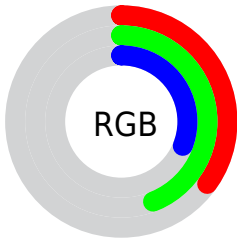
Format	Color
RYB	78, 112, 100
Decimal	5926990
CIELab	44.68, -15.06, 16.32
CIELCh	45, 22.205, 132.710
Yxy	14.3121, 0.3247, 0.4081
Android (android.graphics.Color)	4284117070 (0xFF5A704E)
YUV	101.5460, -11.6082, -10.1258
Hunter-Lab	37.8313, -12.4831, 11.7968

Details

The Hex color **5A704E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **644E70**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **8DA47F**, and **2B4021** is the 20% darker color. If you saturate the color by 10%, you get **537043**, and if you desaturate by 10%, it is **617059**.

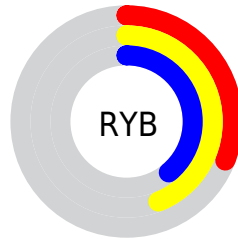
Distribution



Red (35%)

Green (44%)

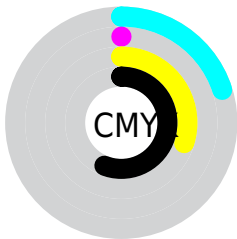
Blue (31%)



Red (31%)

Yellow (44%)

Blue (39%)

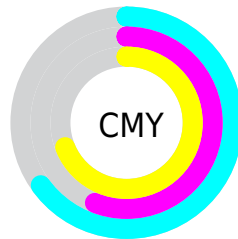


Cyan (20%)

Magenta (0%)

Yellow (30%)

Black (56%)



Cyan (65%)

Magenta (56%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A704E 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 5A704E by changing the saturation by 10% instead.

■ 5A704E

■ 5A704E

FFFFFF

■ 425837

■ 8DA47F

■ 2B4021

■ A7BF99

■ 162A0C

■ C2DBB4

■ 001700

■ DEF7D0

■ 000000

■ FBFEC

■ 5A704E

■ 5A704E

■ 537043

■ 617059

■ 4C7038

■ 687064

■ 44702C

■ 707070

■ 3D7021

■ 77707B

■ 367016

■ 7E7086

■ 2F700B

■ 857091

■ 287000

■ 8D709C

■ 9470A8

■ 9B70B3

Harmonies

Analogous

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



6F6B45



5A704E



44735E

Triad

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



5A704E



416F8D



8E5C62

Complementary

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



5A704E



644E70

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.



875D75



5A704E



5D698E

Square

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



5A704E



2E7282



766285



8B5F51

Rectangle

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



5A704E



37746B



766285



8D5C69

Sweetspot

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



5A704E



899184



70644E



454A42



C9C9C9



4A4A4A

Same Dimension

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



5A704E



6F915D



4E7053



343832



2A7800



57F700

Inverse Universe

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



644E70



7F5D91



704E6B



363238



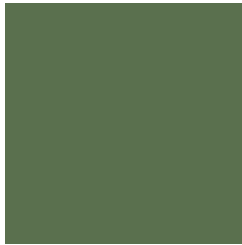
4E0078



A000F7

Previews

White Background



This preview shows how the Hex color 5A704E looks on a white background.

Color Contrast Check

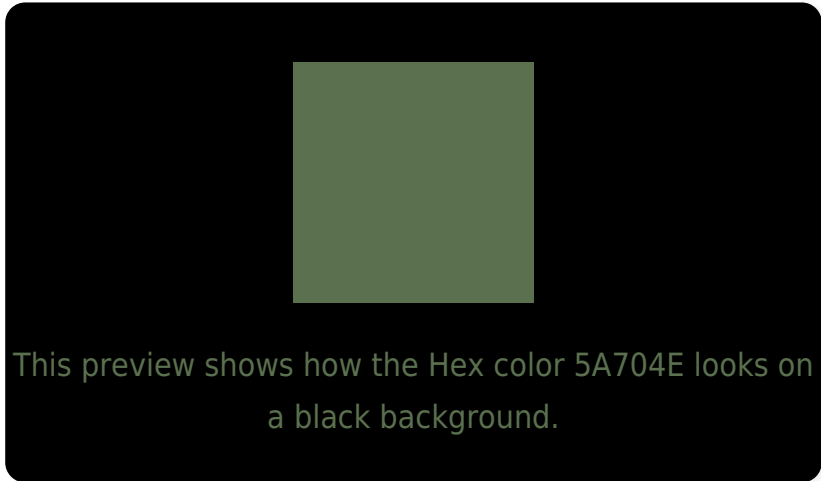
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

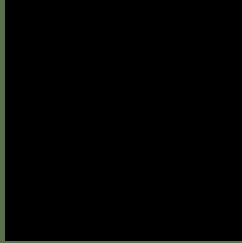
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 5A704E Background



This preview shows how black text looks on a background with the Hex color 5A704E.



This preview shows how white text looks on a background with the Hex color 5A704E.

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](#).

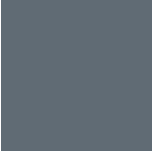
Dichromacy



Original Color
5A704E

Protanopia
72694B

Deuteranopia
7C6550



Tritanopia
606B74

Trichromacy



Original Color
5A704E

Protanomaly
696C4C

Deuteranomaly
70694F

Tritanomaly
5E6D66

Monochromacy



Original Color
5A704E

Achromatopsia
666666

Achromatomaly
626A5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A704E 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 #5A704E looks like.

```
.text, #text, p{  
    color:#5A704E  
}
```

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 #5A704E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A704E
}
```

Border

The CSS property to change the border of an element to Hex 5A704E is called "border". The border property can be set on classes, ids or directly on the HTML element.

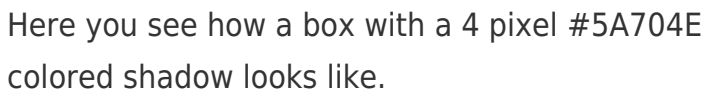
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A704E }
```

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

```
.border{ border-color:#5A704E }
```

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



Here you see how a box with a 4 pixel #5A704E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A704E; -webkit-box-shadow:4px 4px  
4px 4px #5A704E; box-shadow:4px 4px 4px  
4px #5A704E }
```

Background

The CSS property to change the background color of an element to Hex 5A704E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A704E }
```

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

```
.background{ background-color:#5A704E }
```

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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