

Converting Colors

Hex(51704D)

Have a look what the booklet for
Hex(51704D) contains.

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Color

Hex(51704D)

Conversions

Conversions Part 1

Format	Color
Hex	51704D
RGB	81, 112, 77
RGB Percent	32%, 44%, 30%
CMY	0.6824, 0.5608, 0.6980
CMYK	0.28, 0.00, 0.31, 0.56
HSL	113°, 19%, 37%
HSV	113°, 31%, 44%
XYZ	10.5271, 13.8735, 9.1442
YIQ	98.7410, -7.2410, -17.4570

Conversions

Conversions Part 2

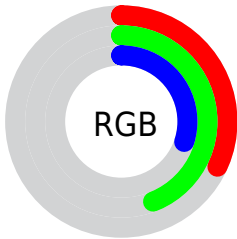
Format	Color
RYB	77, 112, 108
Decimal	5337165
CIELab	44.05, -18.72, 15.95
CIELCh	44, 24.596, 139.567
Yxy	13.8735, 0.3138, 0.4136
Android (android.graphics.Color)	4283527245 (0xFF51704D)
YUV	98.7410, -10.7183, -15.5589
Hunter-Lab	37.2471, -14.7335, 11.5173

Details

The Hex color **51704D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6C4D70**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **83A47E**, and **234020** is the 20% darker color. If you saturate the color by 10%, you get **477042**, and if you desaturate by 10%, it is **5B7058**.

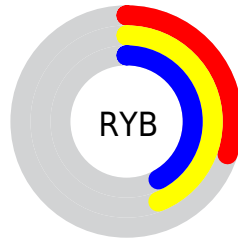
Distribution



Red (32%)

Green (44%)

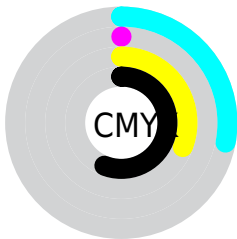
Blue (30%)



Red (30%)

Yellow (44%)

Blue (42%)

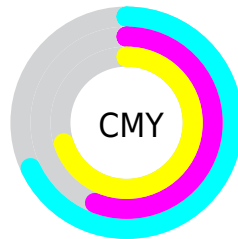


Cyan (28%)

Magenta (0%)

Yellow (31%)

Black (56%)



Cyan (68%)

Magenta (56%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51704D 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 51704D by changing the saturation by 10% instead.

■ 51704D

■ 51704D

FFFFFF

■ 395736

■ 83A47E

■ 234020

■ 9EBF98

■ 0D2A0A

■ B9DBB3

■ 001700

■ D5F8CF

■ 000000

■ F1FFE8

■ 51704D

■ 51704D

■ 477042

■ 5B7058

■ 3D7037

■ 657063

■ 33702B

■ 6F706F

■ 297020

■ 79707A

■ 1F7015

■ 837085

■ 15700A

■ 8D7090

■ 0D7000

■ 96709B

■ A070A7

■ AA70B2

Harmonies

Analogous

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



686B41



51704D



387360

Triad

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



51704D



406C90



90595B

Complementary

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



51704D



6C4D70

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.



8B5970



51704D



60658E

Square

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



51704D



227187



7B5E83



8B5E4A

Rectangle

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



51704D



27736E



7B5E83



905862

Sweetspot

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



51704D



869184



706C4D



434A42



C9C9C9



4A4A4A

Same Dimension

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



51704D



60915A



4D705A



333832



0E7800



1CF700

Inverse Universe

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



6C4D70



8B5A91



704D63



373238



6A0078



DB00F7

Previews

White Background



This preview shows how the Hex color 51704D looks on a white background.

Color Contrast Check

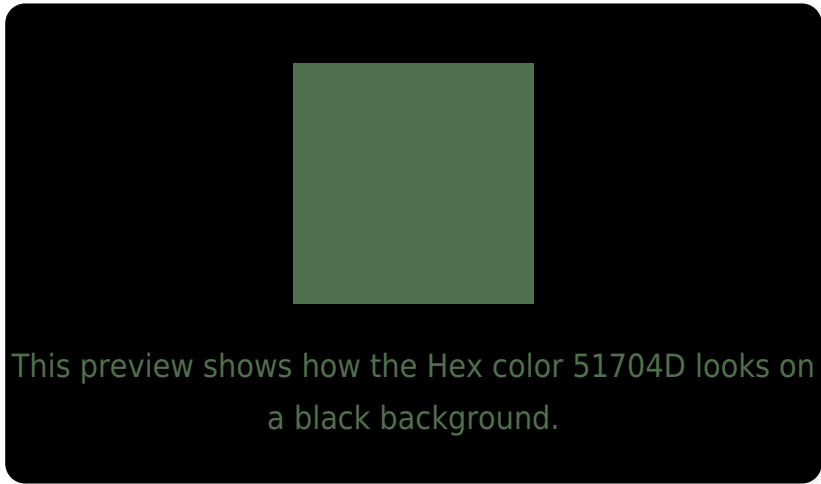
Large Text (above 18pt) WCAG AA ✓ Pass

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

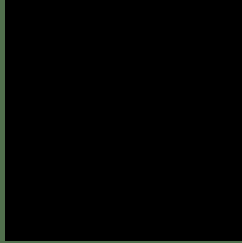
Any Text WCAG AA × Fail

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 51704D Background



This preview shows how black text looks on a background with the Hex color 51704D.



This preview shows how white text looks on a background with the Hex color 51704D.

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
51704D

Protanopia
706849

Deuteranopia
7A6450



Tritanopia
586B74

Trichromacy



Original Color
51704D

Protanomaly
656B4A

Deuteranomaly
6B684F

Tritanomaly
556D66

Monochromacy



Original Color
51704D

Achromatopsia
636363

Achromatomaly
5C685B

CSS Examples

Text

The CSS property to change the color of the text to Hex 51704D 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 #51704D looks like.

```
.text, #text, p{  
    color:#51704D  
}
```

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 #51704D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51704D
}
```

Border

The CSS property to change the border of an element to Hex 51704D 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".

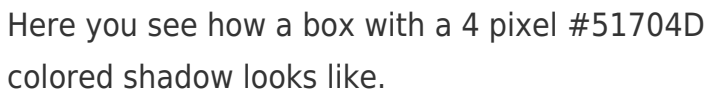
```
.border, #border, table{ border:4px solid
#51704D }
```

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

```
.border{ border-color:#51704D }
```

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

Here you see how a box with a 4 pixel #51704D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51704D; -webkit-box-shadow:4px 4px  
4px 4px #51704D; box-shadow:4px 4px 4px  
4px #51704D }
```

Background

The CSS property to change the background color of an element to Hex 51704D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51704D }
```

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

```
.background{ background-color:#51704D }
```

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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