

Converting Colors

Hex(57672D)

Have a look what the booklet for
Hex(57672D) contains.

Hex(57672D)	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(57672D)

Conversions

Conversions Part 1

Format	Color
Hex	57672D
RGB	87, 103, 45
RGB Percent	34%, 40%, 18%
CMY	0.6588, 0.5961, 0.8235
CMYK	0.16, 0.00, 0.56, 0.60
HSL	77°, 39%, 29%
HSV	77°, 56%, 40%
XYZ	9.2544, 11.9162, 4.2949
YIQ	91.6040, 9.0820, -21.4300

Conversions

Conversions Part 2

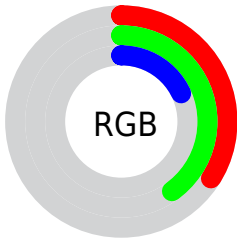
Format	Color
RYB	45, 103, 61
Decimal	5728045
CIELab	41.08, -16.02, 30.34
CIELCh	41, 34.308, 117.840
Yxy	11.9162, 0.3634, 0.4679
Android (android.graphics.Color)	4283918125 (0xFF57672D)
YUV	91.6040, -22.9758, -4.0377
Hunter-Lab	34.5198, -12.5559, 16.7871

Details

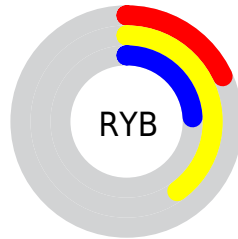
The Hex color **57672D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3D2D67**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8A9A5D**, and **283800** is the 20% darker color. If you saturate the color by 10%, you get **546723**, and if you desaturate by 10%, it is **5A6737**.

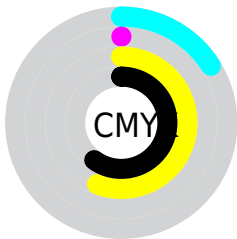
Distribution



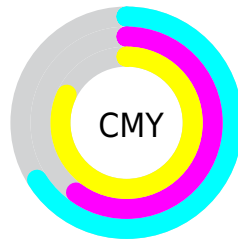
- Red (34%)
- Green (40%)
- Blue (18%)



- Red (18%)
- Yellow (40%)
- Blue (24%)



- Cyan (16%)
- Magenta (0%)
- Yellow (56%)
- Black (60%)



- Cyan (66%)
- Magenta (60%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57672D 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 57672D by changing the saturation by 10% instead.

 57672D

 57672D

FFFFFF

 3F4F16

 8A9A5D

 283800

 A5B576

 112200

 C1D090

 000700

 DDEDAB

 000000

 FAFFC6

 FFFFE2

 57672D

 57672D

 546723

 5A6737

■ 516718

■ 5D6742

■ 4E670E

■ 60674C

■ 4C6704

■ 626756

■ 4B6700

■ 656761

■ 68676B

■ 6B6775

■ 6E677F

■ 71678A

Harmonies

Analogous

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



735F27



57672D



336C42

Triad

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



57672D



006B90



934964

Complementary

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



57672D



3D2D67

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.



824F7F



57672D



266499

Square

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



57672D



006F7A



5F5A93



954B48

Rectangle

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



57672D



066E54



5F5A93



8F4A6E

Sweetspot

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



57672D



818770



673C2D



414537



C4C4C4



454545

Same Dimension

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



57672D



6E872B



3B672D



32332E



537300



AFF200

Inverse Universe

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



3D2D67



452B87



592D67



2F2E33



200073



4300F2

Previews

White Background



This preview shows how the Hex color 57672D looks on a white background.

Color Contrast Check

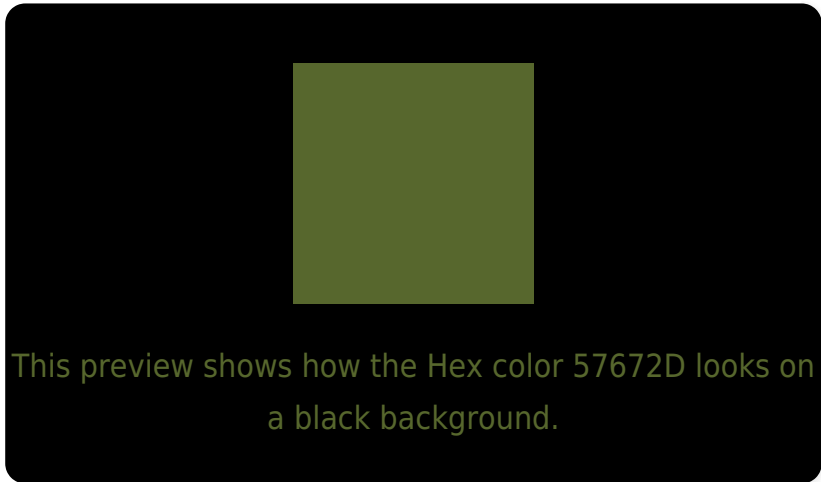
Large Text (above 18pt) WCAG AA ✓ Pass

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

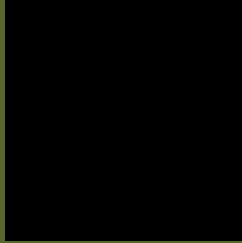
Any Text WCAG AA × Fail

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 57672D Background



This preview shows how black text looks on a background with the Hex color 57672D.



This preview shows how white text looks on a background with the Hex color 57672D.

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
57672D

Protanopia
6B612B

Deuteranopia
775C30



Tritanopia
5E6168

Trichromacy



Original Color
57672D

Protanomaly
64632C

Deuteranomaly
6B602F

Tritanomaly
5B6353

Monochromacy



Original Color
57672D

Achromatopsia
5C5C5C

Achromatomaly
5A604B

CSS Examples

Text

The CSS property to change the color of the text to Hex 57672D 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 #57672D looks like.

```
.text, #text, p{  
    color:#57672D  
}
```

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 #57672D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57672D
}
```

Border

The CSS property to change the border of an element to Hex 57672D 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
#57672D }
```

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

```
.border{ border-color:#57672D }
```

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

Here you see how a box with a 4 pixel #57672D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57672D; -webkit-box-shadow:4px 4px  
4px 4px #57672D; box-shadow:4px 4px 4px  
4px #57672D }
```

Background

The CSS property to change the background color of an element to Hex 57672D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57672D }
```

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

```
.background{ background-color:#57672D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor