

Converting Colors

Hex(66704E)

Have a look what the booklet for
Hex(66704E) contains.

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Color

Hex(66704E)

Conversions

Conversions Part 1

Format	Color
Hex	66704E
RGB	102, 112, 78
RGB Percent	40%, 44%, 31%
CMY	0.6000, 0.5608, 0.6941
CMYK	0.09, 0.00, 0.30, 0.56
HSL	78°, 18%, 37%
HSV	78°, 30%, 44%
XYZ	12.6488, 14.9632, 9.4292
YIQ	105.1340, 4.9540, -12.6940

Conversions

Conversions Part 2

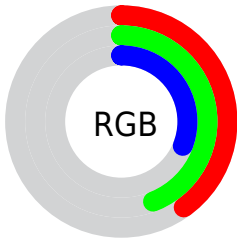
Format	Color
RYB	78, 112, 88
Decimal	6713422
CIELab	45.58, -10.17, 17.69
CIElCh	46, 20.410, 119.896
Yxy	14.9632, 0.3415, 0.4040
Android (android.graphics.Color)	4284903502 (0xFF66704E)
YUV	105.1340, -13.3771, -2.7485
Hunter-Lab	38.6823, -9.3258, 12.6250

Details

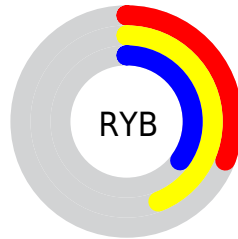
The Hex color **66704E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **584E70**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **99A47F**, and **374021** is the 20% darker color. If you saturate the color by 10%, you get **637043**, and if you desaturate by 10%, it is **697059**.

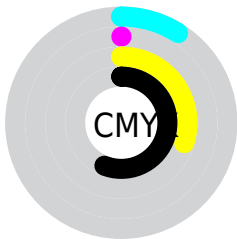
Distribution



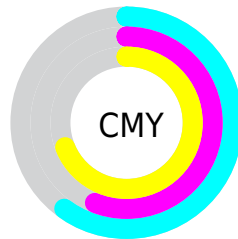
- Red (40%)
- Green (44%)
- Blue (31%)



- Red (31%)
- Yellow (44%)
- Blue (35%)



- Cyan (9%)
- Magenta (0%)
- Yellow (30%)
- Black (56%)



- Cyan (60%)
- Magenta (56%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66704E 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 66704E by changing the saturation by 10% instead.

 66704E

 66704E

FFFFFF

 4E5837

 99A47F

 374021

 B4BF99

 212A0B

 D0DBB4

 051700

 ECF7D0

 000000

 FFFFEC

 66704E

 66704E

 637043

 697059

 5F7038

 6D7064

■ 5C702C

■ 707070

■ 597021

■ 73707B

■ 567016

■ 767086

■ 52700B

■ 7A7091

■ 4F7000

■ 7D709C

■ 8070A8

■ 8470B3

Harmonies

Analogous

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



786B4A



66704E



52745A

Triad

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



66704E



407289



8C5F6D

Complementary

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



66704E



584E70

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.



82627D



66704E



566D8E

Square

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



66704E



37757C



6E6889



8E615C

Rectangle

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



66704E



467565



6E6889



8A6072

Sweetspot

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



66704E



8E9184



70584E



484A42



C9C9C9



4A4A4A

Same Dimension

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



66704E



82915D



55704E



363832



557800



AFF700

Inverse Universe

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



584E70



6C5D91



694E70



343238



230078



4900F7

Previews

White Background



This preview shows how the Hex color 66704E looks on a white background.

Color Contrast Check

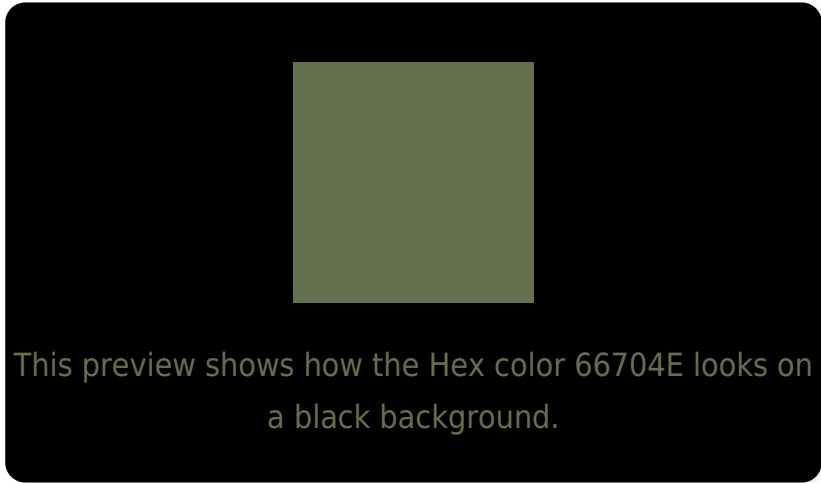
Large Text (above 18pt) WCAG AA ✓ Pass

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

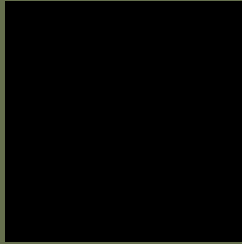
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

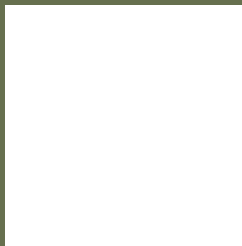
Any Text WCAG AAA × Fail

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

Hex 66704E Background



This preview shows how black text looks on a background with the Hex color 66704E.



This preview shows how white text looks on a background with the Hex color 66704E.

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
66704E

Protanopia
746C4C

Deuteranopia
7F6750



Tritanopia
6B6B74

Trichromacy



Original Color
66704E

Protanomaly
6F6D4D

Deuteranomaly
766A4F

Tritanomaly
696D66

Monochromacy



Original Color
66704E

Achromatopsia
696969

Achromatomaly
686C5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 66704E 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 #66704E looks like.

```
.text, #text, p{  
    color:#66704E  
}
```

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 #66704E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66704E
}
```

Border

The CSS property to change the border of an element to Hex 66704E 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".

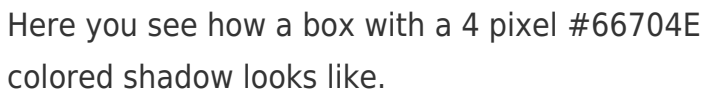
```
.border, #border, table{ border:4px solid
#66704E }
```

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

```
.border{ border-color:#66704E }
```

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

Here you see how a box with a 4 pixel #66704E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66704E; -webkit-box-shadow:4px 4px  
4px 4px #66704E; box-shadow:4px 4px 4px  
4px #66704E }
```

Background

The CSS property to change the background color of an element to Hex 66704E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66704E }
```

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

```
.background{ background-color:#66704E }
```

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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