

Converting Colors

Hex(684D3E)

Have a look what the booklet for
Hex(684D3E) contains.

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Color

Hex(684D3E)

Conversions

Conversions Part 1

Format	Color
Hex	684D3E
RGB	104, 77, 62
RGB Percent	41%, 30%, 24%
CMY	0.5922, 0.6980, 0.7569
CMYK	0.00, 0.26, 0.40, 0.59
HSL	21°, 25%, 33%
HSV	21°, 40%, 41%
XYZ	9.2323, 8.5986, 5.7305
YIQ	83.3630, 20.9070, 1.0590

Conversions

Conversions Part 2

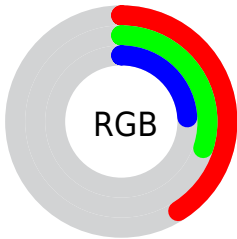
Format	Color
RYB	104, 85, 62
Decimal	6835518
CIELab	35.20, 9.15, 13.32
CIELCh	35, 16.165, 55.516
Yxy	8.5986, 0.3918, 0.3649
Android (android.graphics.Color)	4285025598 (0xFF684D3E)
YUV	83.3630, -10.5320, 18.0986
Hunter-Lab	29.3234, 4.8838, 8.9396

Details

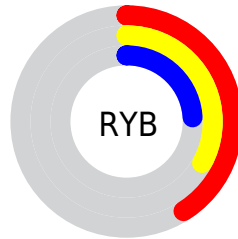
The Hex color **684D3E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3E5968**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9C7E6E**, and **372114** is the 20% darker color. If you saturate the color by 10%, you get **684634**, and if you desaturate by 10%, it is **685448**.

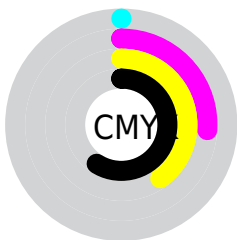
Distribution



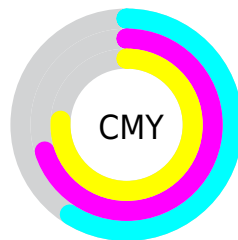
- Red (41%)
- Green (30%)
- Blue (24%)



- Red (41%)
- Yellow (33%)
- Blue (24%)



- Cyan (0%)
- Magenta (26%)
- Yellow (40%)
- Black (59%)



- Cyan (59%)
- Magenta (70%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684D3E 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 684D3E by changing the saturation by 10% instead.

 684D3E

 684D3E

FFFFFFF

 4F3628

 9C7E6E

 372114

 B79887

 220B00

 D3B3A1

 000000

 F0CEBC

 FFEAD8

 FFFFF4

 684D3E

 684D3E

 684634

 685448

■ 684029

■ 685A53

■ 68391F

■ 68615D

■ 683214

■ 686868

■ 682C0A

■ 686E72

■ 682500

■ 68757C

■ 687C87

■ 688291

■ 68899C

Harmonies

Analogous

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



6D4A48



684D3E



5E5139

Triad

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



684D3E



345A50



52506A

Complementary

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



684D3E



3E5968

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.



40556C



684D3E



2C5A5D

Square

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



684D3E



425844



305868



624C62

Rectangle

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



684D3E



55543A



305868



4C526B

Sweetspot

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



684D3E



877D77



683E59



453F3B



C4C4C4



454545

Same Dimension

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



684D3E



875D46



68623E



33302E



732900



F25700

Inverse Universe

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



3E5968



467087



3E4468



2E3133



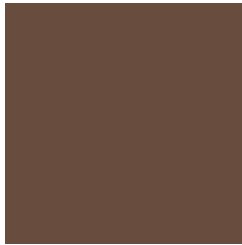
004A73



009CF2

Previews

White Background



This preview shows how the Hex color 684D3E looks on a white background.

Color Contrast Check

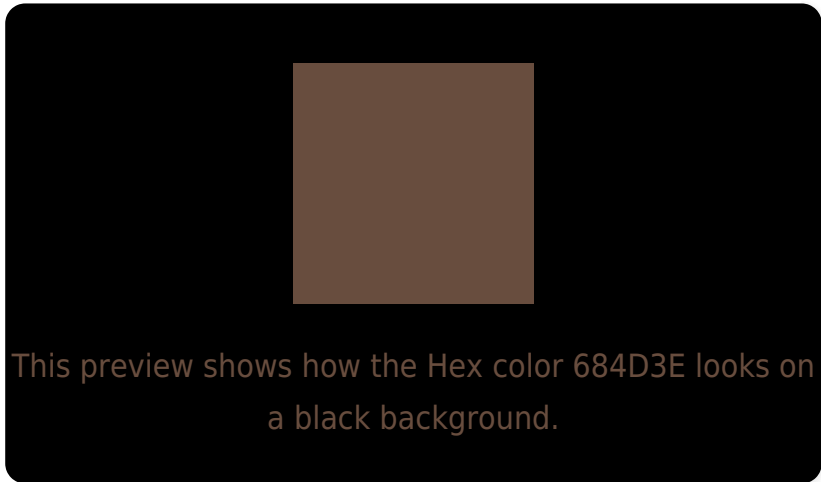
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

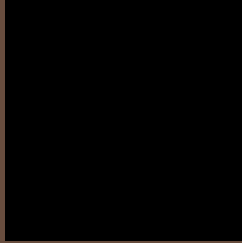
Any Text WCAG AA × Fail

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 684D3E Background



This preview shows how black text looks on a background with the Hex color 684D3E.



This preview shows how white text looks on a background with the Hex color 684D3E.

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
684D3E

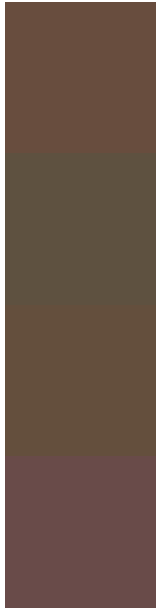
Protanopia
585341

Deuteranopia
62503D



Tritanopia
6A4A50

Trichromacy



Original Color
684D3E

Protanomaly
5E5140

Deuteranomaly
644F3D

Tritanomaly
694B49

Monochromacy



Original Color
684D3E

Achromatopsia
535353

Achromatomaly
5B514B

CSS Examples

Text

The CSS property to change the color of the text to Hex 684D3E 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 #684D3E looks like.

```
.text, #text, p{  
    color:#684D3E  
}
```

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 #684D3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684D3E
}
```

Border

The CSS property to change the border of an element to Hex 684D3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

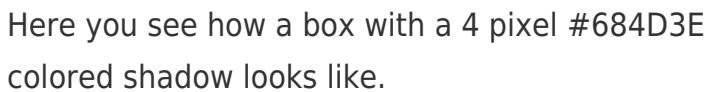
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684D3E }
```

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

```
.border{ border-color:#684D3E }
```

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



Here you see how a box with a 4 pixel #684D3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684D3E; -webkit-box-shadow:4px 4px  
4px 4px #684D3E; box-shadow:4px 4px 4px  
4px #684D3E }
```

Background

The CSS property to change the background color of an element to Hex 684D3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684D3E }
```

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

```
.background{ background-color:#684D3E }
```

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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