

Converting Colors

Hex(68644E)

Have a look what the booklet for
Hex(68644E) contains.

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Color

Hex(68644E)

Conversions

Conversions Part 1

Format	Color
Hex	68644E
RGB	104, 100, 78
RGB Percent	41%, 39%, 31%
CMY	0.5922, 0.6078, 0.6941
CMYK	0.00, 0.04, 0.25, 0.59
HSL	51°, 14%, 36%
HSV	51°, 25%, 41%
XYZ	11.6412, 12.6075, 9.0277
YIQ	98.6880, 9.4460, -5.9940

Conversions

Conversions Part 2

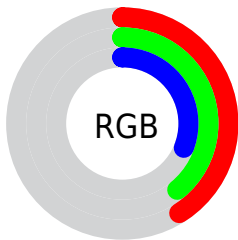
Format	Color
R_{YB}	83, 104, 78
Decimal	6841422
CIE _{Lab}	42.17, -2.41, 13.08
CIE _{LCh}	42, 13.295, 100.429
Yxy	12.6075, 0.3498, 0.3789
Android (android.graphics.Color)	4285031502 (0xFF68644E)
YUV	98.6880, -10.1992, 4.6586
Hunter-Lab	35.5070, -3.6146, 9.7804

Details

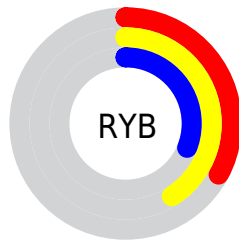
The Hex color **68644E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4E5268**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9B977F**, and **393622** is the 20% darker color. If you saturate the color by 10%, you get **686244**, and if you desaturate by 10%, it is **686658**.

Distribution



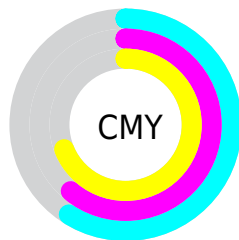
- Red (41%)
- Green (39%)
- Blue (31%)



- Red (33%)
- Yellow (41%)
- Blue (31%)



- Cyan (0%)
- Magenta (4%)
- Yellow (25%)
- Black (59%)



- Cyan (59%)
- Magenta (61%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68644E 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 68644E by changing the saturation by 10% instead.



68644E



68644E

FFFFFF



504C37



9B977F



393622



B6B199



23200C



D2CDB4



060900



EEE9CF



000000



FFFEC



68644E



68644E



686244



686658



686139



686763

■ 685F2F

■ 68696D

■ 685E24

■ 686A78

■ 685C1A

■ 686C82

■ 685A10

■ 686E8C

■ 685905

■ 686F97

■ 685800

■ 6871A1

■ 6872AC

Harmonies

Analogous

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



72604F



68644E



5C6753

Triad

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



68644E



466971



755D6B

Complementary

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



68644E



4E5268

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.



6A5F74



68644E



4E6778

Square

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



68644E



476A67



5C6379



7A5C60

Rectangle

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



68644E



536958



5C6379



725D6E

Sweetspot

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



68644E



87857C



684E52



45443E



C4C4C4



454545

Same Dimension

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



68644E



87815F



5F684E



33322E



736100



F2CD00

Inverse Universe

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



4E5268



5F6587



574E68



2E2F33



001273



0025F2

Previews

White Background



This preview shows how the Hex color 68644E looks on a white background.

Color Contrast Check

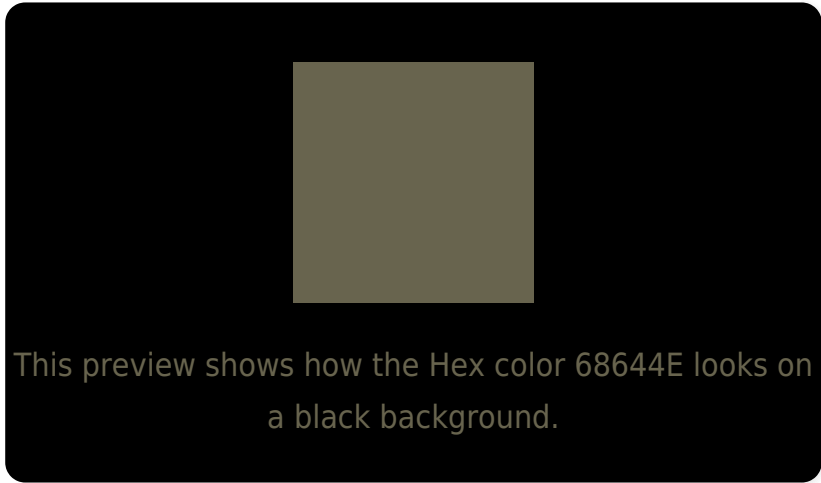
Large Text (above 18pt) WCAG AA ✓ Pass

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

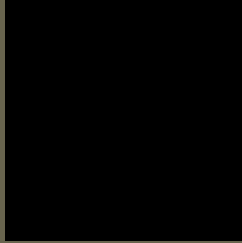
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

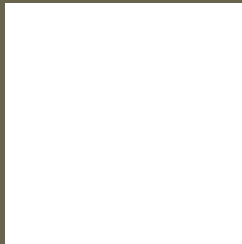
Any Text WCAG AAA × Fail

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

Hex 68644E Background



This preview shows how black text looks on a background with the Hex color 68644E.



This preview shows how white text looks on a background with the Hex color 68644E.

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
68644E

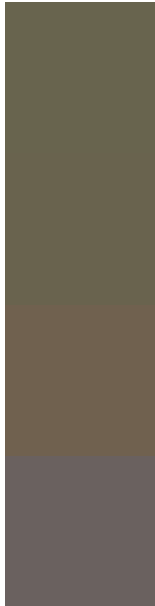
Protanopia
6A634E

Deuteranopia
74604F



Tritanopia
6B6068

Trichromacy



Original Color
68644E

Protanomaly
69634E

Deuteranomaly
70614F

Tritanomaly
6A615F

Monochromacy



Original Color
68644E

Achromatopsia
636363

Achromatomaly
65635B

CSS Examples

Text

The CSS property to change the color of the text to Hex 68644E 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 #68644E looks like.

```
.text, #text, p{  
    color:#68644E  
}
```

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 #68644E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68644E
}
```

Border

The CSS property to change the border of an element to Hex 68644E is called "border". The border property can be set on classes, ids or directly on the HTML element.

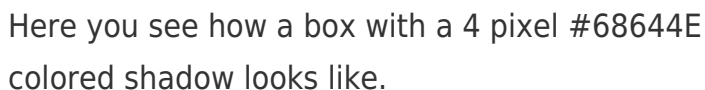
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68644E }
```

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

```
.border{ border-color:#68644E }
```

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



Here you see how a box with a 4 pixel #68644E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68644E; -webkit-box-shadow:4px 4px  
4px 4px #68644E; box-shadow:4px 4px 4px  
4px #68644E }
```

Background

The CSS property to change the background color of an element to Hex 68644E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68644E }
```

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

```
.background{ background-color:#68644E }
```

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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