

Converting Colors

Hex(68644B)

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

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Color

Hex(68644B)

Conversions

Conversions Part 1

Format	Color
Hex	68644B
RGB	104, 100, 75
RGB Percent	41%, 39%, 29%
CMY	0.5922, 0.6078, 0.7059
CMYK	0.00, 0.04, 0.28, 0.59
HSL	52°, 16%, 35%
HSV	52°, 28%, 41%
XYZ	11.5361, 12.5654, 8.4740
YIQ	98.3460, 10.4090, -6.9270

Conversions

Conversions Part 2

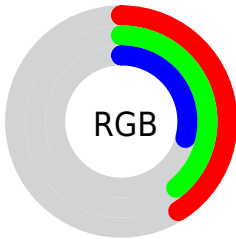
Format	Color
RYB	80, 104, 75
Decimal	6841419
CIELab	42.10, -2.88, 14.78
CIElCh	42, 15.062, 101.013
Yxy	12.5654, 0.3541, 0.3857
Android (android.graphics.Color)	4285031499 (0xFF68644B)
YUV	98.3460, -11.5096, 4.9586
Hunter-Lab	35.4477, -3.9425, 10.6398

Details

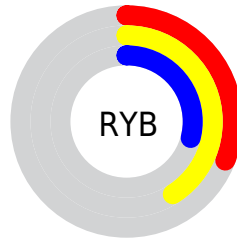
The Hex color **68644B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B4F68**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **9C977C**, and **38361F** is the 20% darker color. If you saturate the color by 10%, you get **686341**, and if you desaturate by 10%, it is **686555**.

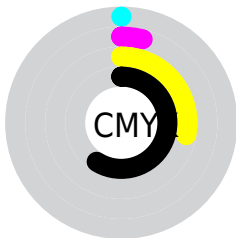
Distribution



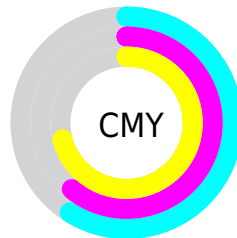
- Red (41%)
- Green (39%)
- Blue (29%)



- Red (31%)
- Yellow (41%)
- Blue (29%)



- Cyan (0%)
- Magenta (4%)
- Yellow (28%)
- Black (59%)



- Cyan (59%)
- Magenta (61%)
- Yellow (71%)

Brightness & Saturation Gradients

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



68644B



68644B

FFFFFF



504C34



9C977C



38361F



B6B196



232008



D2CDB1



040A00



EFE9CC



000000



FFFFE8



68644B



68644B



686341



686555



686136



686760

■ 68602C

■ 68686A

■ 685E21

■ 686A75

■ 685D17

■ 686B7F

■ 685B0D

■ 686D89

■ 685A02

■ 686E94

■ 685A00

■ 686F9E

■ 6871A9

Harmonies

Analogous

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



74604C



68644B



5A6850

Triad

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



68644B



416973



775B6C

Complementary

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



68644B



4B4F68

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.



6B5F76



68644B



4B677A

Square

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



68644B



426A68



5B637C



7D5B5F

Rectangle

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



68644B



516957



5B637C



745C70

Sweetspot

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



68644B



87867C



684B4F



45443E



C4C4C4



454545

Same Dimension

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



68644B



87815B



5E684B



33322E



736300



F2D100

Inverse Universe

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



4B4F68



5B6187



554B68



2E2F33



001073



0021F2

Previews

White Background



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

Color Contrast Check

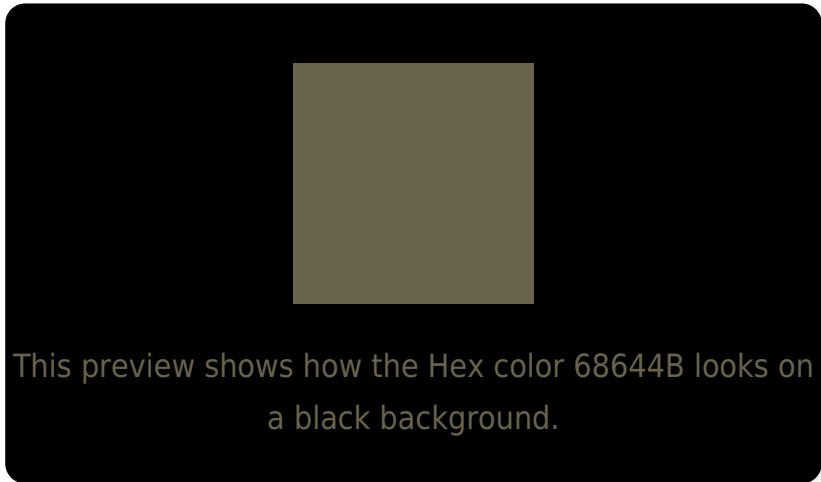
Large Text (above 18pt) WCAG AA ✓ Pass

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

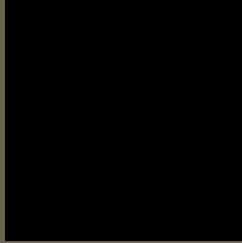
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

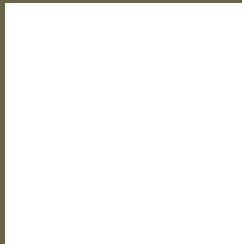
Any Text WCAG AAA × Fail

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

Hex 68644B Background



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



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

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
68644B

Protanopia
6A634B

Deuteranopia
755F4C



Tritanopia
6C6068

Trichromacy



Original Color
68644B

Protanomaly
69634B

Deuteranomaly
70614C

Tritanomaly
6B615D

Monochromacy



Original Color
68644B

Achromatopsia
626262

Achromatomaly
64635A

CSS Examples

Text

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

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

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 #68644B colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 68644B 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".

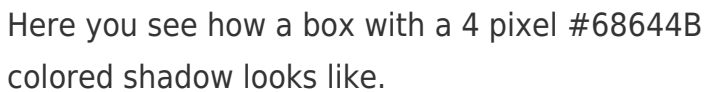
```
.border, #border, table{ border:4px solid
#68644B }
```

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

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

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

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



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

Background

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

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

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

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

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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