

Converting Colors

Hex(644B48)

Have a look what the booklet for
Hex(644B48) contains.

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Color

Hex(644B48)

Conversions

Conversions Part 1

Format	Color
Hex	644B48
RGB	100, 75, 72
RGB Percent	39%, 29%, 28%
CMY	0.6078, 0.7059, 0.7176
CMYK	0.00, 0.25, 0.28, 0.61
HSL	6°, 16%, 34%
HSV	6°, 28%, 39%
XYZ	8.9413, 8.2094, 7.2442
YIQ	82.1330, 15.8630, 4.3670

Conversions

Conversions Part 2

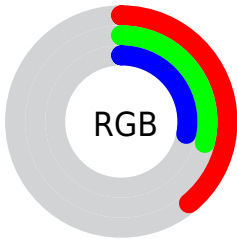
Format	Color
RYB	100, 75, 72
Decimal	6572872
CIELab	34.42, 10.09, 5.88
CIELCh	34, 11.682, 30.229
Yxy	8.2094, 0.3665, 0.3365
Android (android.graphics.Color)	4284762952 (0xFF644B48)
YUV	82.1330, -4.9956, 15.6694
Hunter-Lab	28.6520, 5.5628, 5.0659

Details

The Hex color **644B48** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **486164**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **977C78**, and **341F1D** is the 20% darker color. If you saturate the color by 10%, you get **64423E**, and if you desaturate by 10%, it is **645452**.

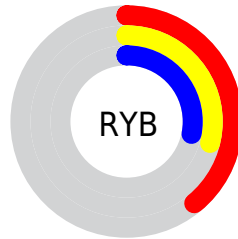
Distribution



Red (39%)

Green (29%)

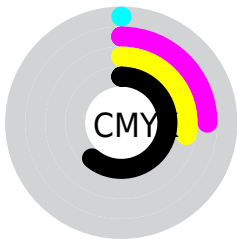
Blue (28%)



Red (39%)

Yellow (29%)

Blue (28%)

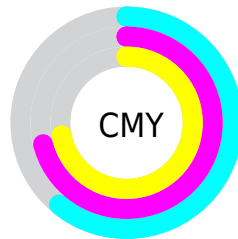


Cyan (0%)

Magenta (25%)

Yellow (28%)

Black (61%)



Cyan (61%)

Magenta (71%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 644B48 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 644B48 by changing the saturation by 10% instead.



644B48



644B48

FFFFFF



4C3432



977C78



341F1D



B29692



210802



CEB0AD



000000



EACCC8



FFE8E4



644B48



644B48



64423E



645452



643934



645D5C

■ 64302A

■ 646666

■ 642720

■ 646F70

■ 641E16

■ 64787A

■ 64150C

■ 648184

■ 640D02

■ 648A8E

■ 640B00

■ 649298

■ 649BA2

Harmonies

Analogous

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



634A51



644B48



604D41

Triad

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



644B48



435547



465263

Complementary

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



644B48



486164

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.



3C5461



644B48



3B5651

Square

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



644B48



4E5341



37565A



534F61

Rectangle

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



644B48



5B4F3F



37565A



425363

Sweetspot

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



644B48



827978



644861



423C3C



C2C2C2



424242

Same Dimension

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



644B48



825B56



645948



332E2E



730C00



F21A00

Inverse Universe

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



486164



567D82



485364



2E3233



006673



00D8F2

Previews

White Background



This preview shows how the Hex color 644B48 looks on a white background.

Color Contrast Check

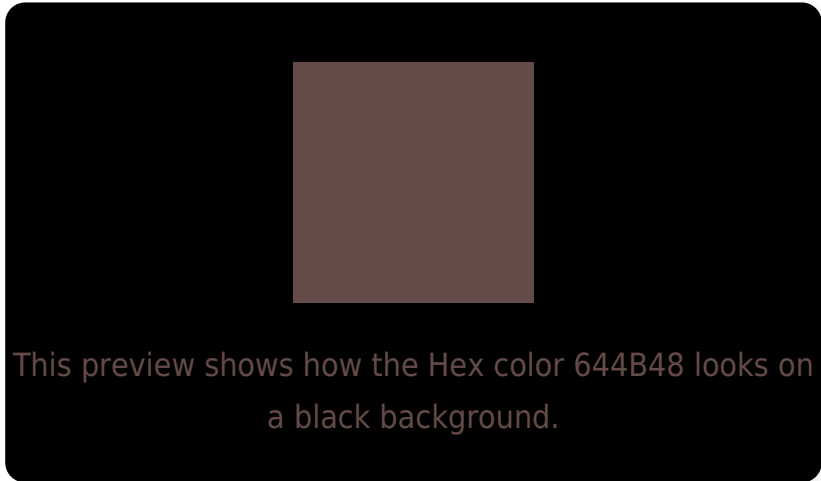
Large Text (above 18pt) WCAG AA ✓ Pass

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 644B48 Background



This preview shows how black text looks on a background with the Hex color 644B48.

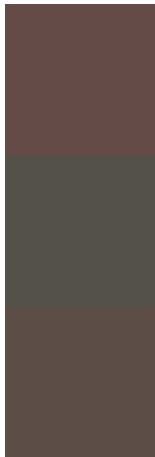


This preview shows how white text looks on a background with the Hex color 644B48.

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
644B48

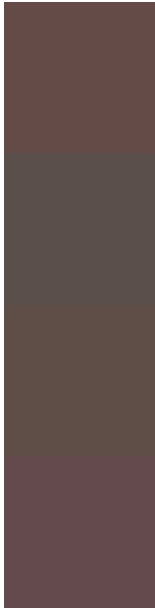
Protanopia
54514B

Deuteranopia
5C4E47



Tritanopia
654A50

Trichromacy



Original Color

644B48

Protanomaly

5A4F4A

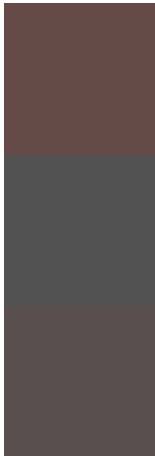
Deuteranomaly

5F4D47

Tritanomaly

654A4D

Monochromacy



Original Color

644B48

Achromatopsia

525252

Achromatomaly

594F4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 644B48 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 #644B48 looks like.

```
.text, #text, p{  
    color:#644B48  
}
```

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 #644B48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644B48
}
```

Border

The CSS property to change the border of an element to Hex 644B48 is called "border". The border property can be set on classes, ids or directly on the HTML element.

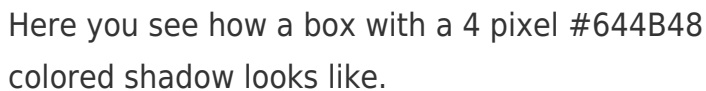
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644B48 }
```

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

```
.border{ border-color:#644B48 }
```

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



Here you see how a box with a 4 pixel #644B48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644B48; -webkit-box-shadow:4px 4px  
4px 4px #644B48; box-shadow:4px 4px 4px  
4px #644B48 }
```

Background

The CSS property to change the background color of an element to Hex 644B48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644B48 }
```

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

```
.background{ background-color:#644B48 }
```

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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