

Converting Colors

Hex(644E40)

Have a look what the booklet for
Hex(644E40) contains.

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Color

Hex(644E40)

Conversions

Conversions Part 1

Format	Color
Hex	644E40
RGB	100, 78, 64
RGB Percent	39%, 31%, 25%
CMY	0.6078, 0.6941, 0.7490
CMYK	0.00, 0.22, 0.36, 0.61
HSL	23°, 22%, 32%
HSV	23°, 36%, 39%
XYZ	8.9053, 8.5283, 6.0272
YIQ	82.9820, 17.6060, 0.3100

Conversions

Conversions Part 2

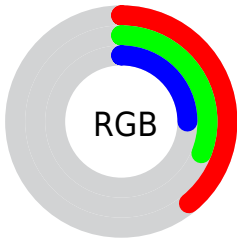
Format	Color
RYB	100, 87, 64
Decimal	6573632
CIELab	35.06, 7.01, 11.81
CIELCh	35, 13.735, 59.312
Yxy	8.5283, 0.3796, 0.3635
Android (android.graphics.Color)	4284763712 (0xFF644E40)
YUV	82.9820, -9.3581, 14.9248
Hunter-Lab	29.2032, 3.3269, 8.2054




Details

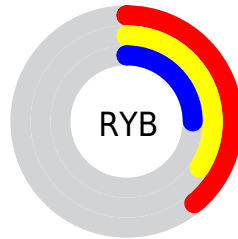
The Hex color **644E40** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **405664**, and the grayscale version is **535353**.




A 20% lighter version of the original color is **987F70**, and **342215** is the 20% darker color. If you saturate the color by 10%, you get **644836**, and if you desaturate by 10%, it is **64544A**.

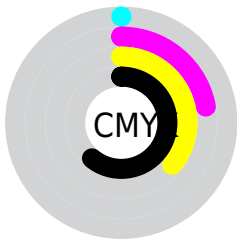
Distribution







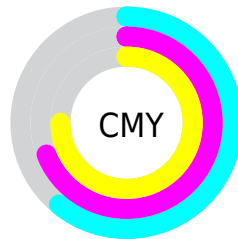
-  Red (39%)
-  Green (31%)
-  Blue (25%)






-  Red (39%)
-  Yellow (34%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (22%)
-  Yellow (36%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (69%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 644E40 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 644E40 by changing the saturation by 10% instead.

644E40

644E40

FFFFFF

4C372A

987F70

342215

B39989

200C00

CEB4A3

000000

EBCFBF

FFEBDA

FFFFF7

644E40

644E40

644836

64544A

■ 64422C

■ 645A54

■ 643C22

■ 64605E

■ 643618

■ 646668

■ 642F0E

■ 646D72

■ 642904

■ 64737C

■ 642700

■ 647986

■ 647F90

■ 64859A

Harmonies

Analogous

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



694B48



644E40



5B523D

Triad

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



644E40



385952



545065

Complementary

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



644E40



405664

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.



455368



644E40



33585D

Square

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



644E40



435747



385765



604C5E

Rectangle

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



644E40



53543E



385765



4F5167

Sweetspot

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



644E40



827974



644056



423D3A



C2C2C2



424242

Same Dimension

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



644E40



82604A



646040



33302E



732D00



F25E00

Inverse Universe

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



405664



4A6C82



404464



2E3133



004673



0094F2

Previews

White Background



This preview shows how the Hex color 644E40 looks on a white background.

Color Contrast Check

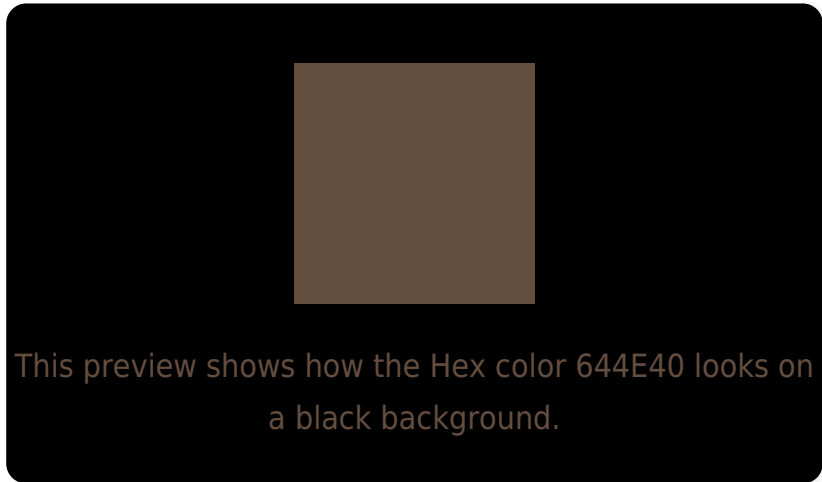
Large Text (above 18pt) WCAG AA ✓ Pass

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

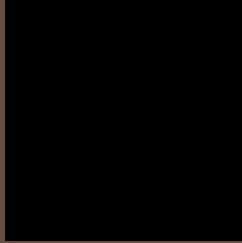
Any Text WCAG AA × Fail

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 644E40 Background



This preview shows how black text looks on a background with the Hex color 644E40.

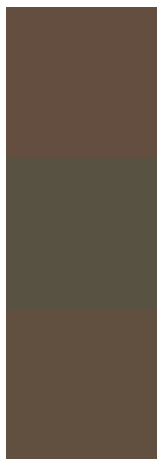


This preview shows how white text looks on a background with the Hex color 644E40.

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

644E40

Protanopia

585242

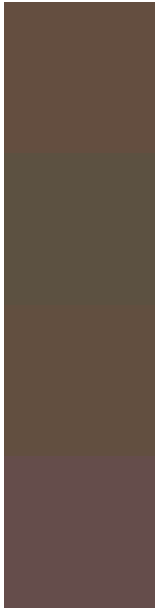
Deuteranopia

614F40



Tritanopia
664C51

Trichromacy



Original Color

644E40

Protanomaly

5C5141

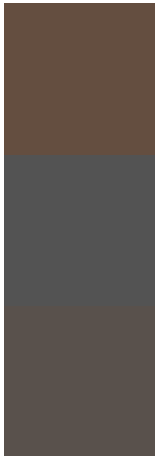
Deuteranomaly

624F40

Tritanomaly

654D4B

Monochromacy



Original Color

644E40

Achromatopsia

535353

Achromatomaly

59514C

CSS Examples

Text

The CSS property to change the color of the text to Hex 644E40 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 #644E40 looks like.

```
.text, #text, p{  
    color:#644E40  
}
```

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 #644E40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644E40
}
```

Border

The CSS property to change the border of an element to Hex 644E40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

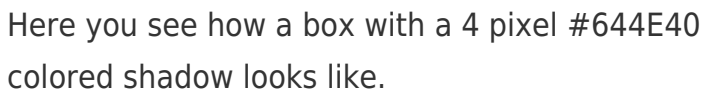
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644E40 }
```

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

```
.border{ border-color:#644E40 }
```

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



Here you see how a box with a 4 pixel #644E40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644E40; -webkit-box-shadow:4px 4px  
4px 4px #644E40; box-shadow:4px 4px 4px  
4px #644E40 }
```

Background

The CSS property to change the background color of an element to Hex 644E40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644E40 }
```

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

```
.background{ background-color:#644E40 }
```

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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